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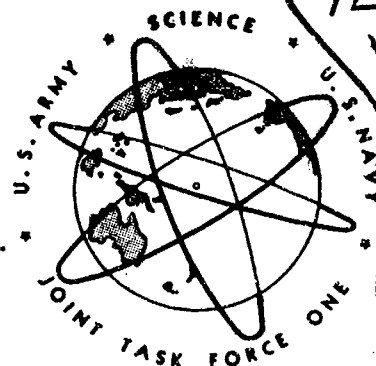
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By Authority of JOINT CHIEFS OF STAFF JCS 1795/36 DATED 15 APRIL 1949  
By *John G. Miller, Maj, AFSA/P* Date **JUN 28 1949**



TESTS 'A' AND 'B'.  
VOLUME III.  
PART I.  
Photographic  
Appendix [u]. 8

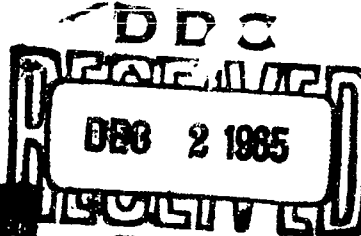
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Joint Task Force ONE  
Director of Ship Material

CONFIDENTIAL

Reg. No.

193600

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Enclosure (D)

Subject: Bureau of Ordnance Material Group Final Report for Tests "A" & "B".

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By Authority of **JOINT CHIEFS OF STAFF JCS 1795/36 DATED 15 APRIL 1949**  
By *John D. Kelley, Maj, AFSP* Date **JUN 28 1949**

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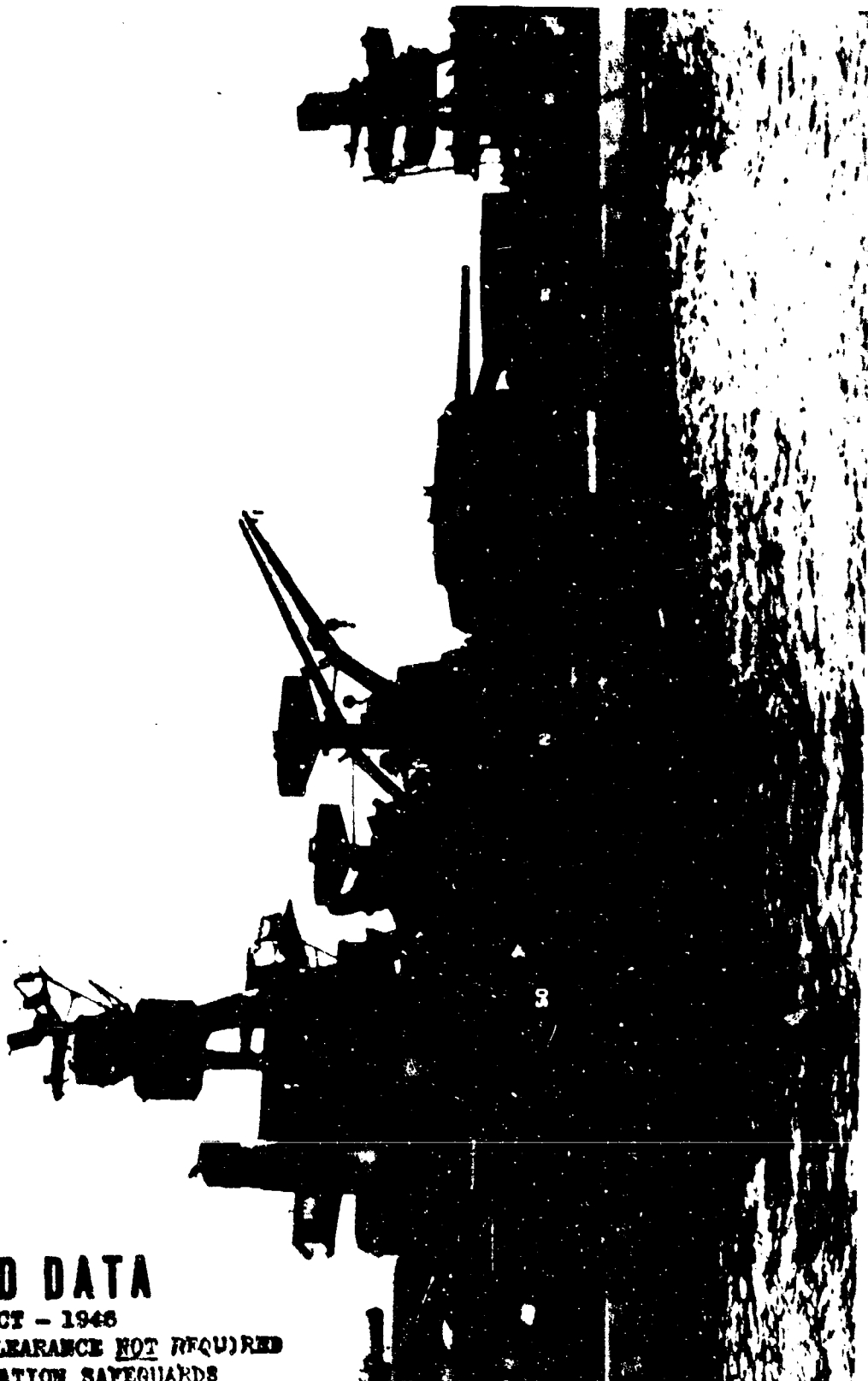
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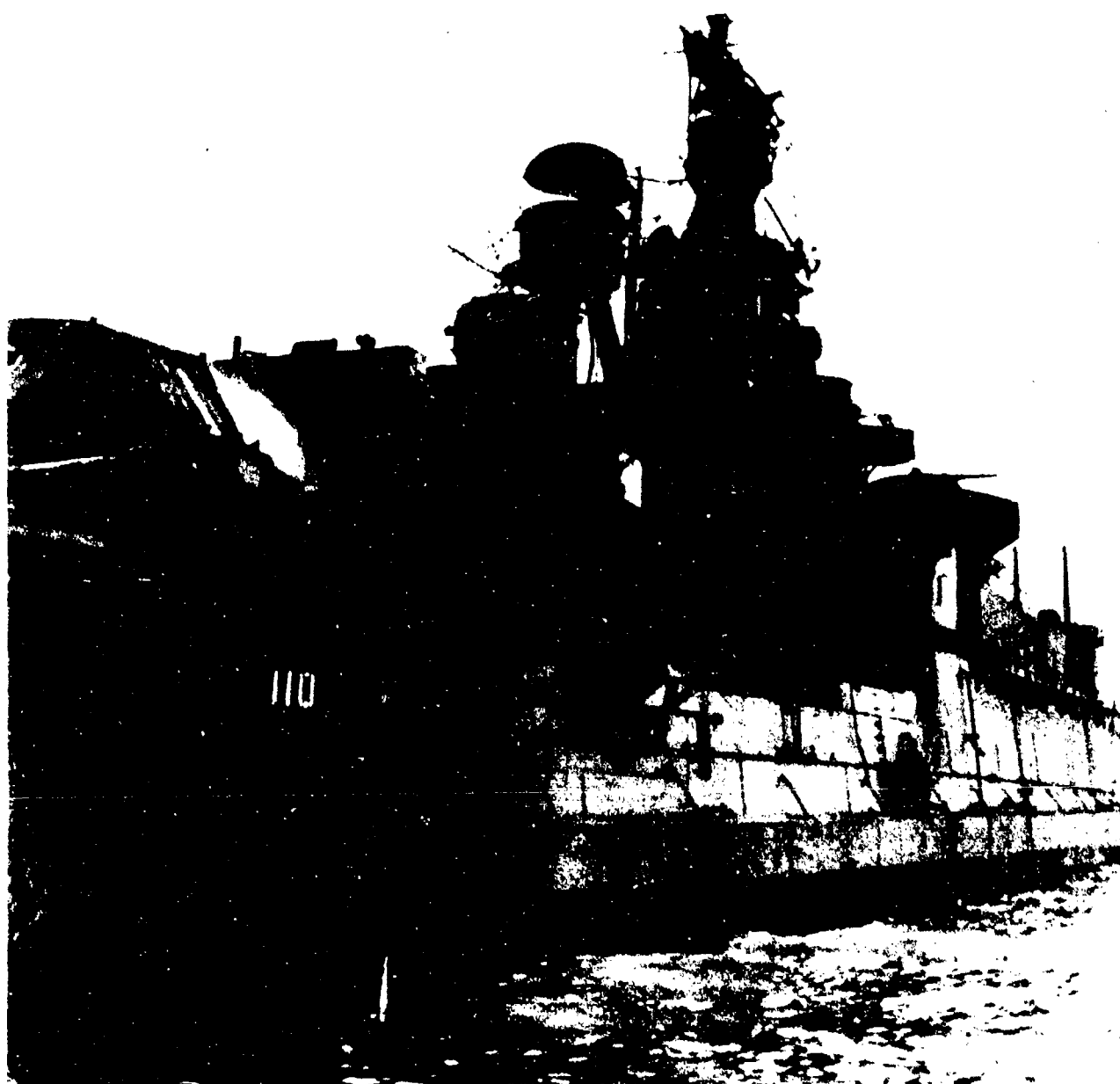
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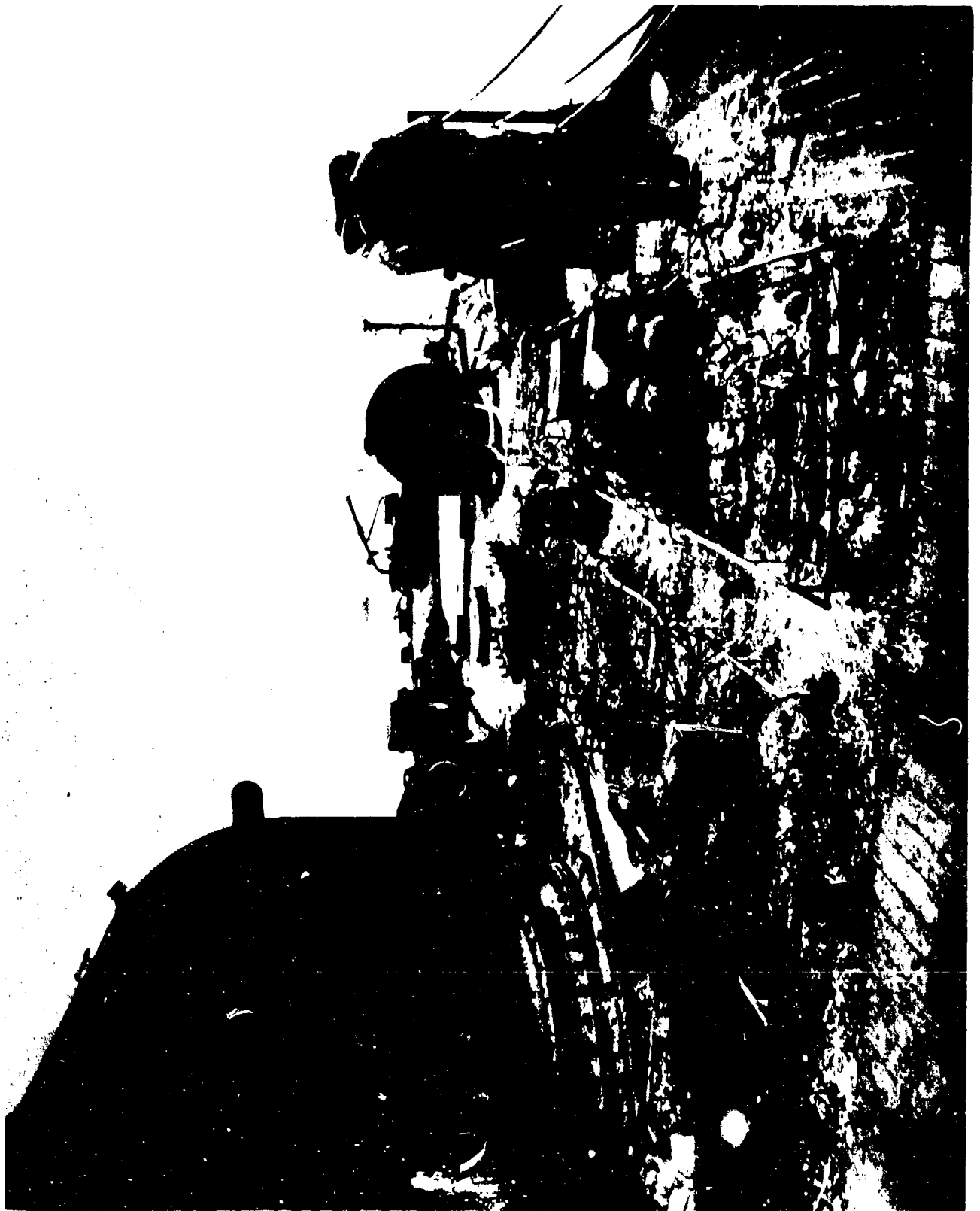
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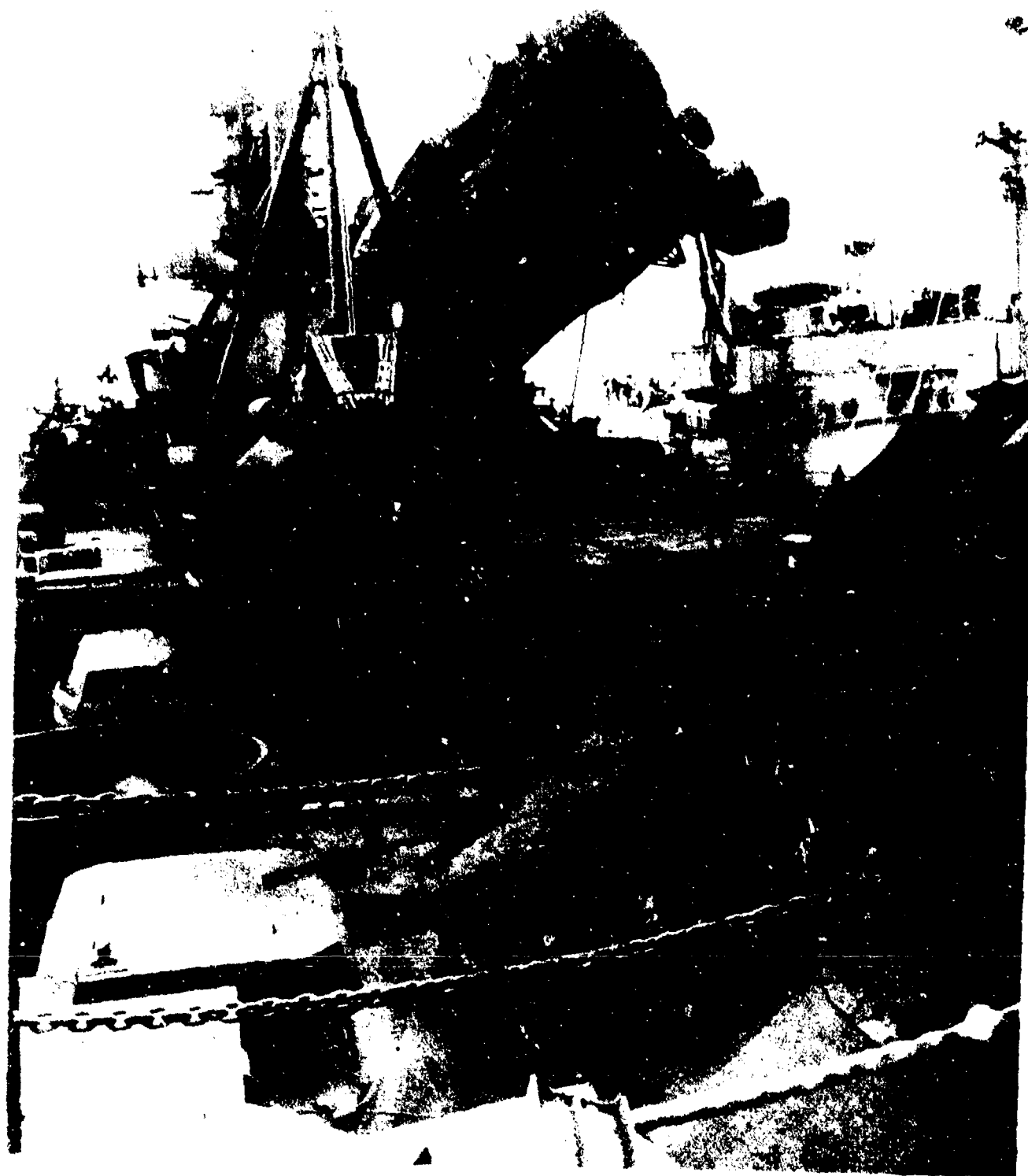
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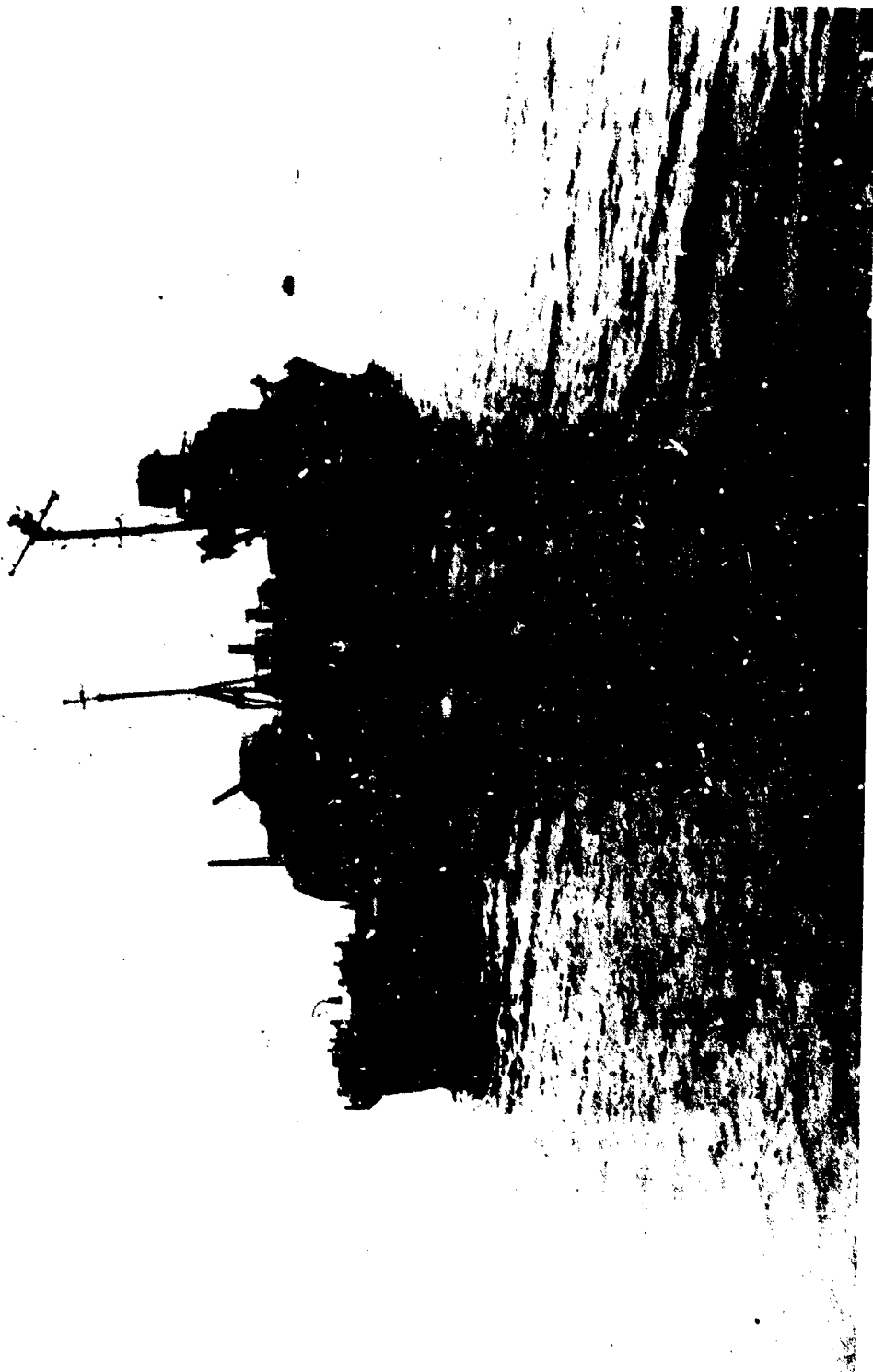
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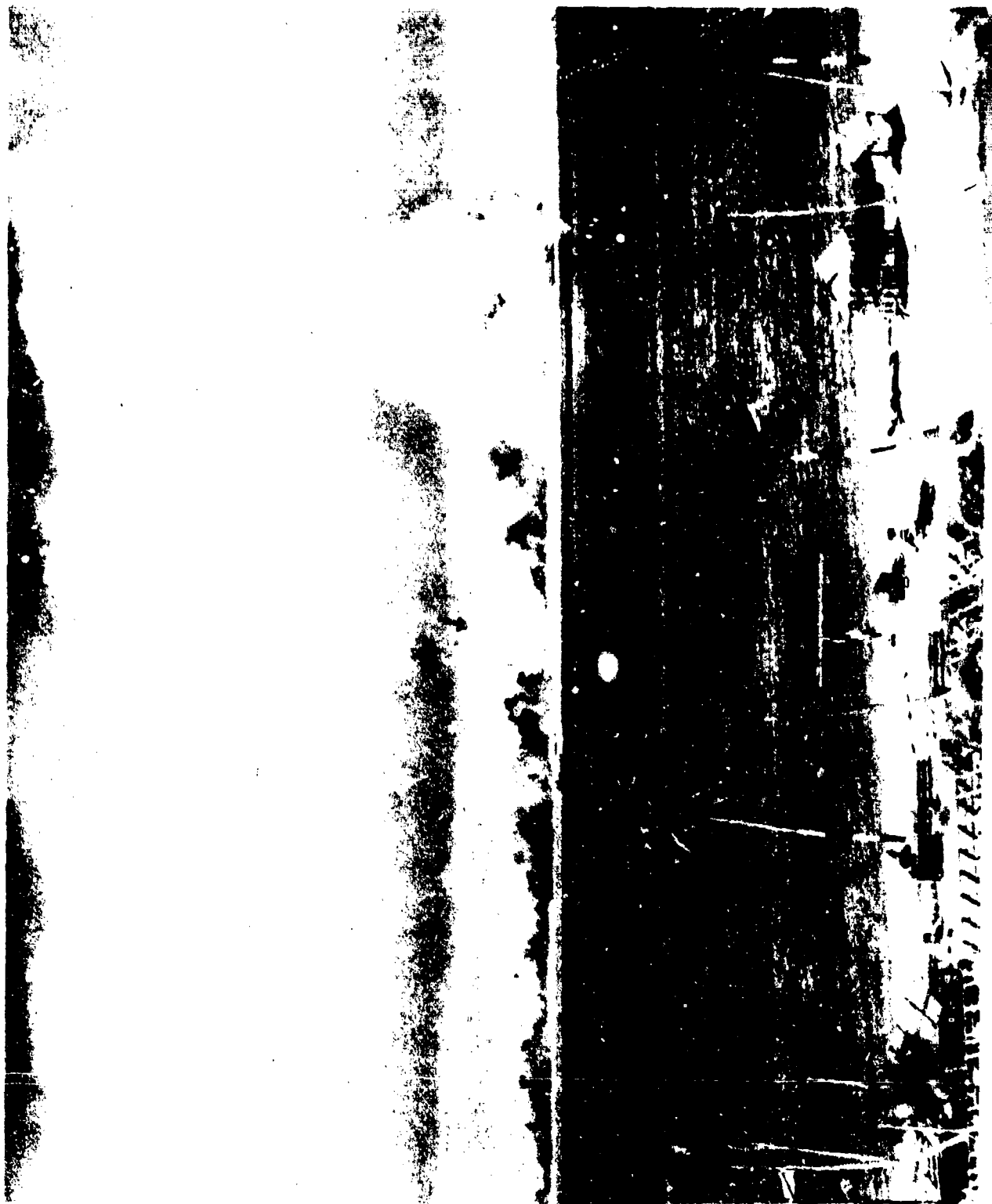
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BA-CR 234-381-3	20 MM Magazine Ready Service	245
<u>U.S.S. SALT LAKE CITY (CA-25)</u> <u>(Guided Missile)</u>		
BA-CR 92-901-11	Special Guided Missile	246
AA-CR 60-136-7	Special Guided Missile	247
AA-CR 87-2539-11	Special Guided Missile	248
<u>U.S.S. BRULE (APA-66)</u> <u>(Guided Missile)</u>		
AA-CR 87-2539-10	Special Guided Missile	249

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



Shows area of Test "A" explosion and the streamers of smoke which appear to be from pyrotechnics or tracer type ammunition. The arrow indicates the general position of the U.S.S. GALLIBIE, (APA-69), and the U.S.S. ANDERSON, (DD-411). Photo taken less than 3 seconds after the "A" explosion. Photo. No. DA-CR-T2-11-11, Exp. #2.

SECRET

Enclosure (D) to Director Ship Material Serial 00150.

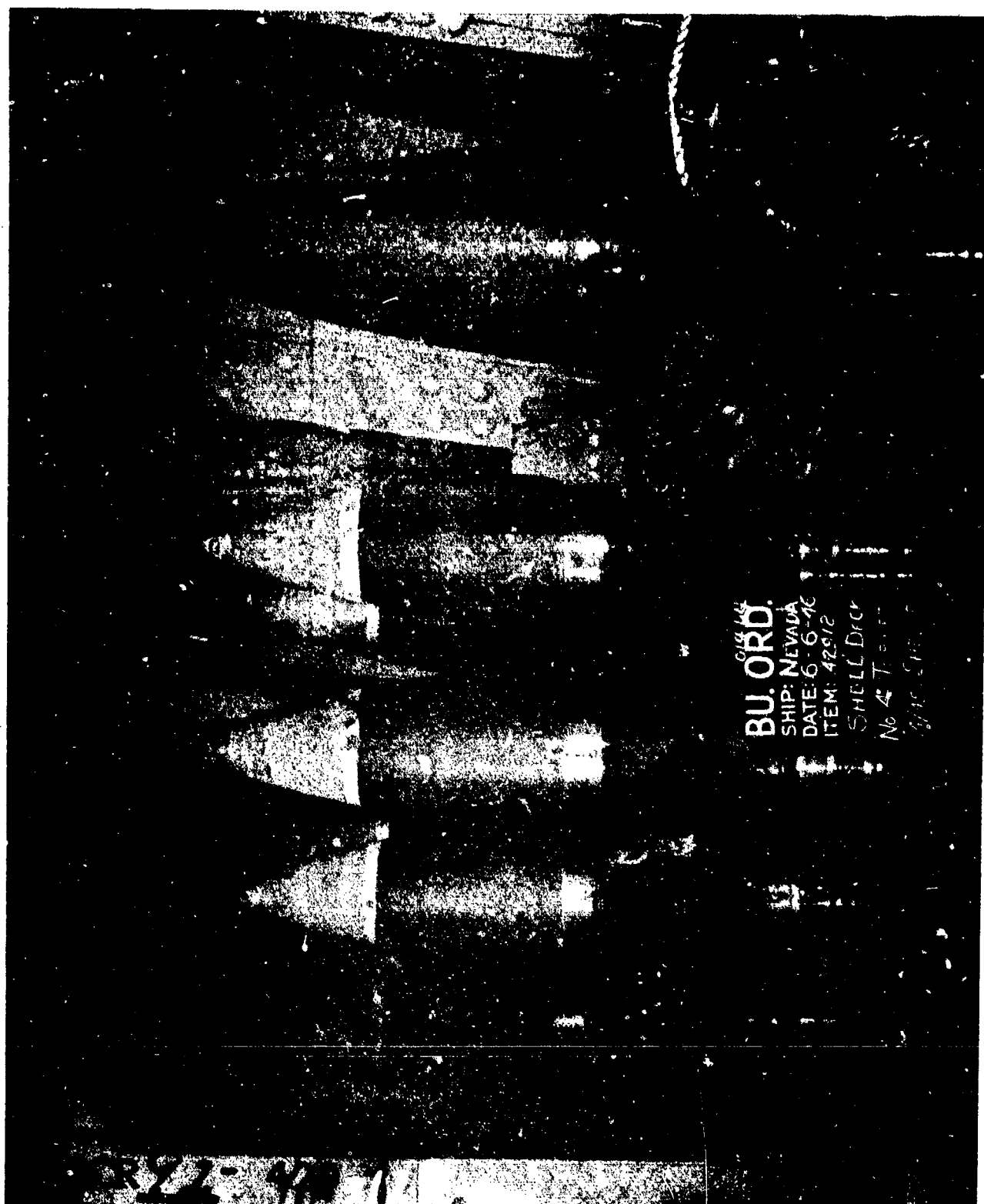


U.S.S. NEVADA (BB-36) - Before Able  
Shows a typical stowage of 14"/45 powder aboard a  
battleship prior to Test "A".  
Photo. No. BA-CR-92-429-6.

**SECRET**

Enclosure (D) to Director Ship Material Serial 0-1500.





U.S.S. NEVADA (BB-36) - Refer File  
Shows the Shell Deck of turret No. 4 prior to Test "A".  
Ammunition in photo. is service Ammunition, and Special  
Test Projectiles.  
Photo. No. 6A-Ch-92-42)-11.

**S E C R E T**

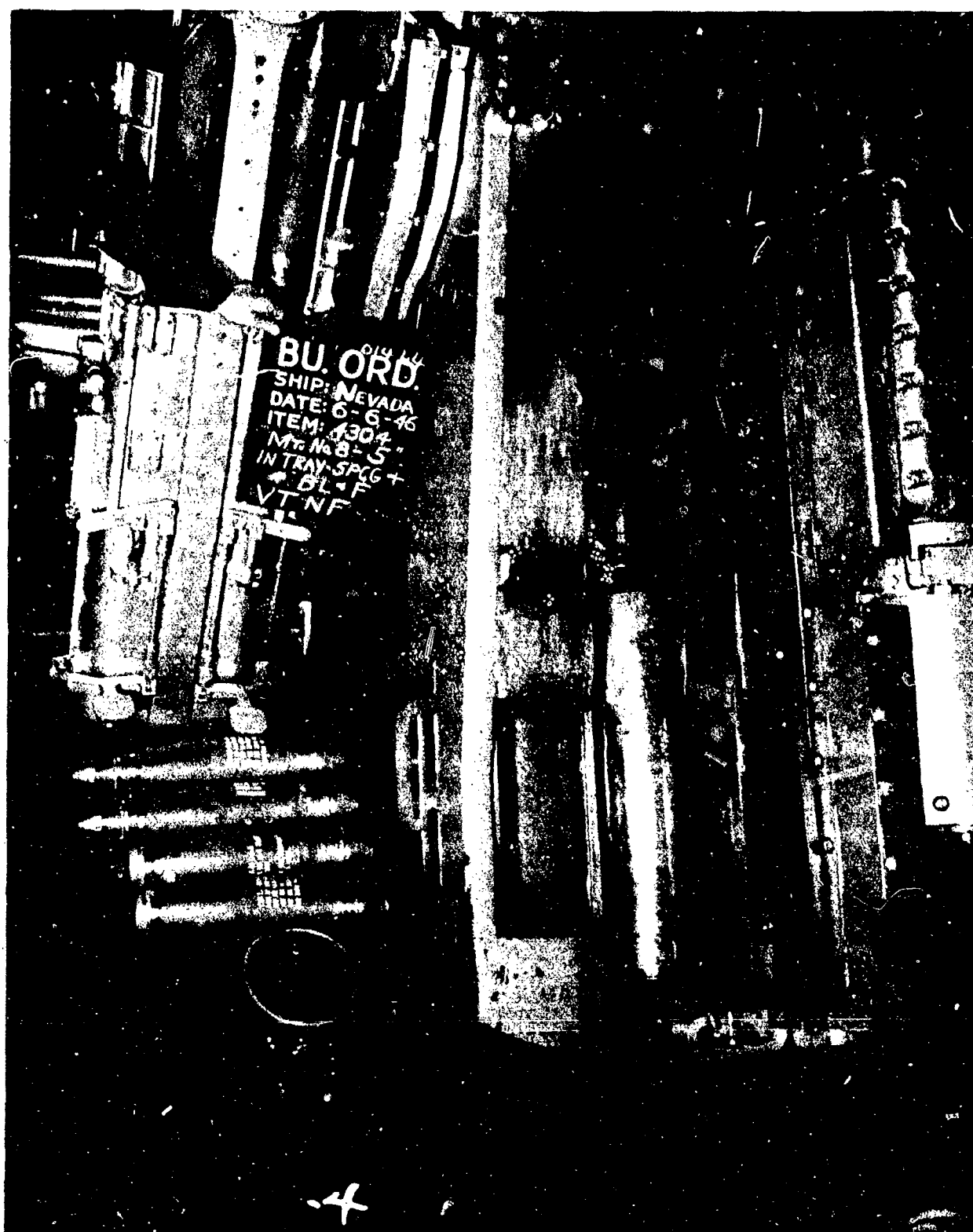
Enclosure (B) to Director Ship Battery Serial 001500.



U.S.S. PLYMIA (BB-36) - Before Able  
Shows the Special Test Ammunition in position in  
Turret No. 4 prior to Test "A".  
Photo. No. BA-CR-92-430-1.

1000000

in form (C) to Director Ship Material Serial 001500.



U.S.S. NEVADA (BB-36) - Before Able  
Shows the Special Test Ammunition in position on the loading tray of the 5"/38 gun  
in Mount No. 8. The projectile is plaster loaded and fuzeed with a Mk. 53, Mod. 6  
VT, nose fuze. The powder case is filled with SPCG Powder. The complete round was  
in this position for Test "A".  
Photo. No. BA-CH 92-430-4.

**SECRET**

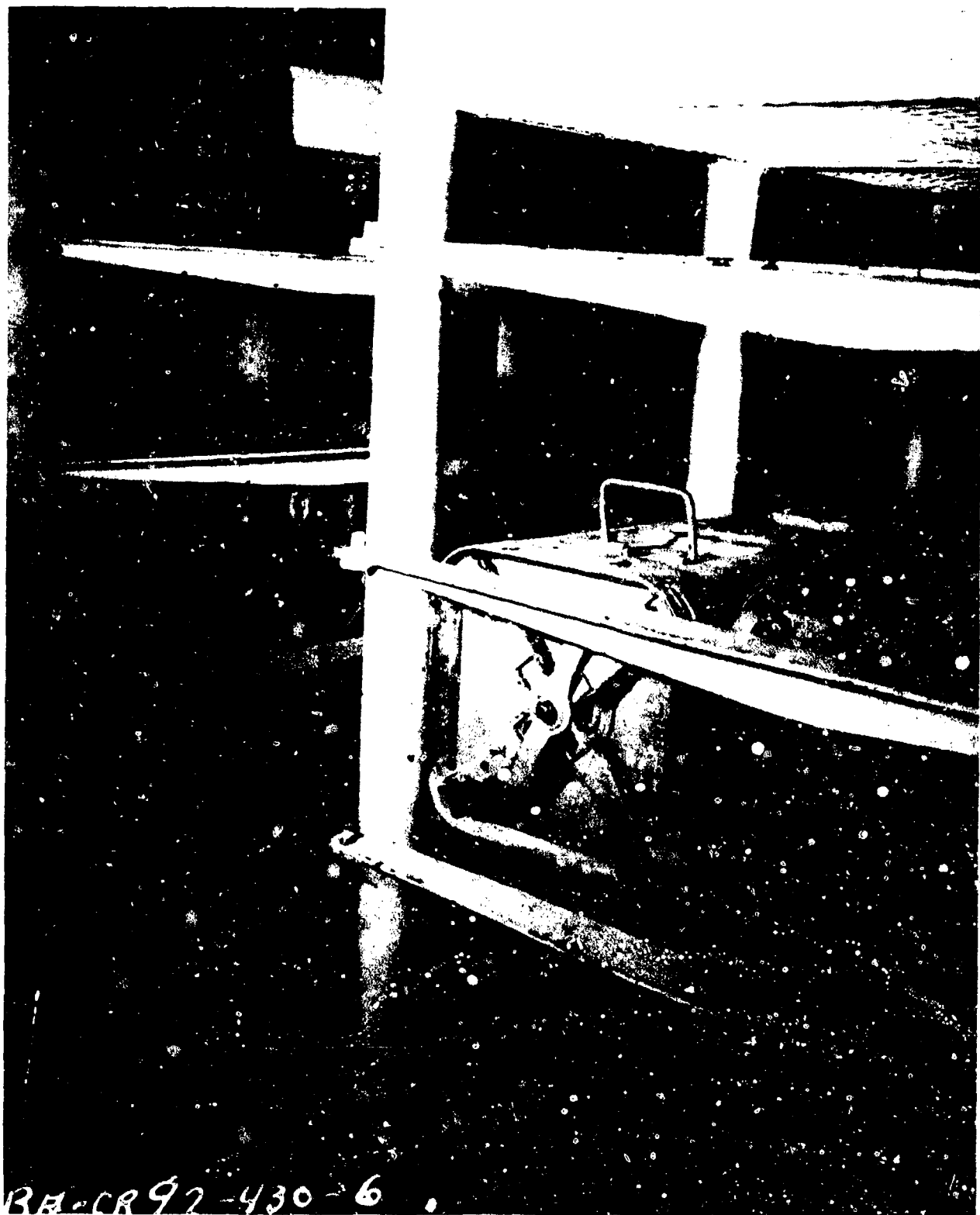
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. NEVADA (BB-36) - Before Able  
Shows the 20 MM Clipping Room, A-0204-M, prior to Test "A".  
All ammunition in photo is Service Ammunition.  
Photo. No. BA-CR-92-430-5.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



BA-CR92-430-6 .

U.S.S. NEVADA (BB-36) - Before Able  
Shows the 40 MM Clipping Room, A-0208-M, prior to Test "A".  
All ammunition is Service Ammunition.  
Photo. No. BA-CR-92-430-6.

S E C R E T

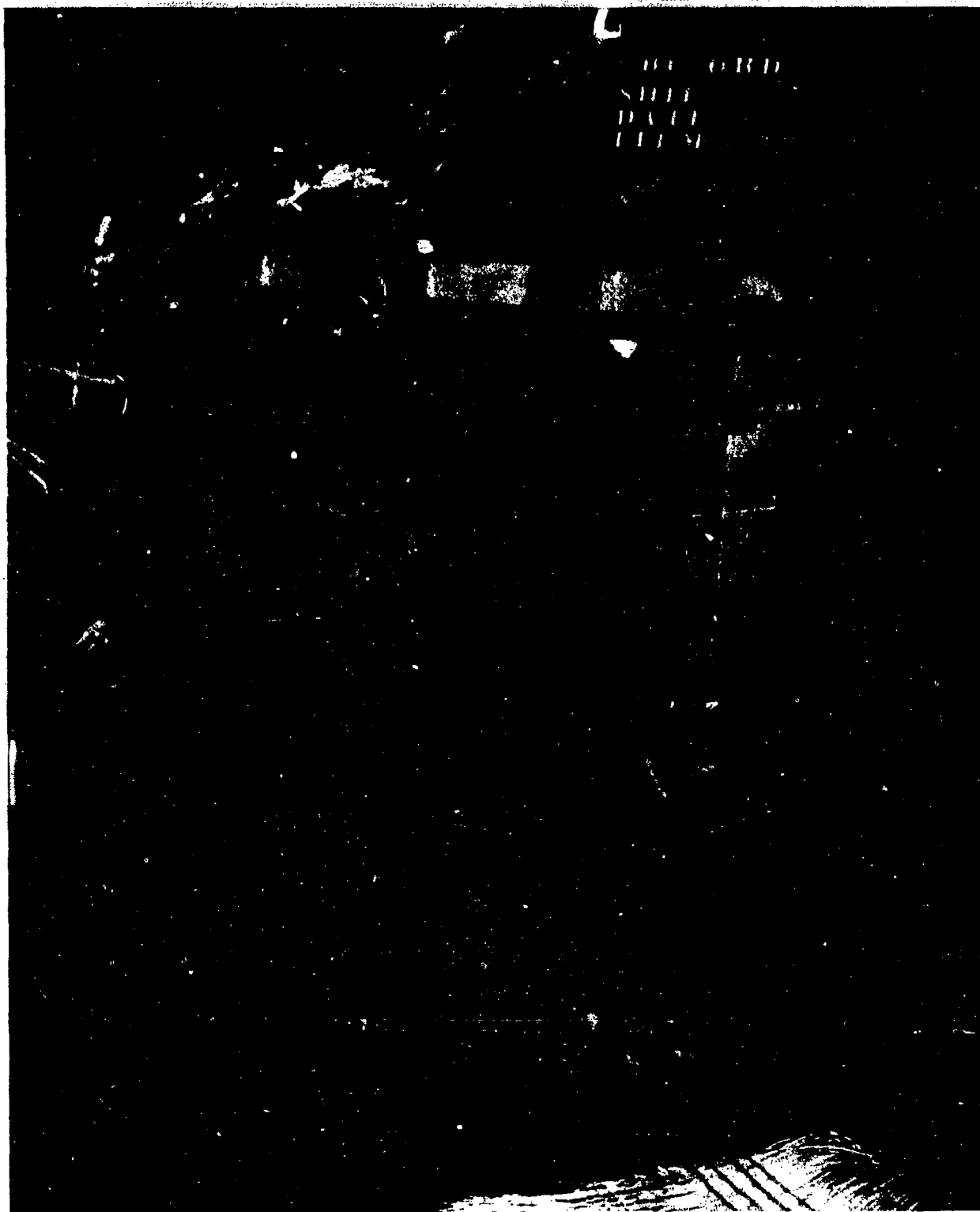
Enclosure (1) to Director Ship Material Serial 001500.



U.S.S. NIWAIA (SS-36) - Before Able  
Shows the 20% ready service box and its percentage of  
ammunition in position for Test "A". Ammunition is Service  
Ammunition.  
Photo. No. NA-CK-92-430-7.

W A L L E

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. NEVADA (BB-36) - After Able  
Shows the 20 MM Ammunition Ready Service Box and the degree of heat it had been subjected as a result of the Atom Bomb Flash. It is worthy to note that the inside paint was not damaged and that the Maximum and Minimum Thermometer registered no abnormal temperatures. The 20 MM Ammunition remained unharmed.  
Photo. No. AA-CR-97-1535-7.

SECRET

Enclosure (1) to Director Ship Material Serial 001500.

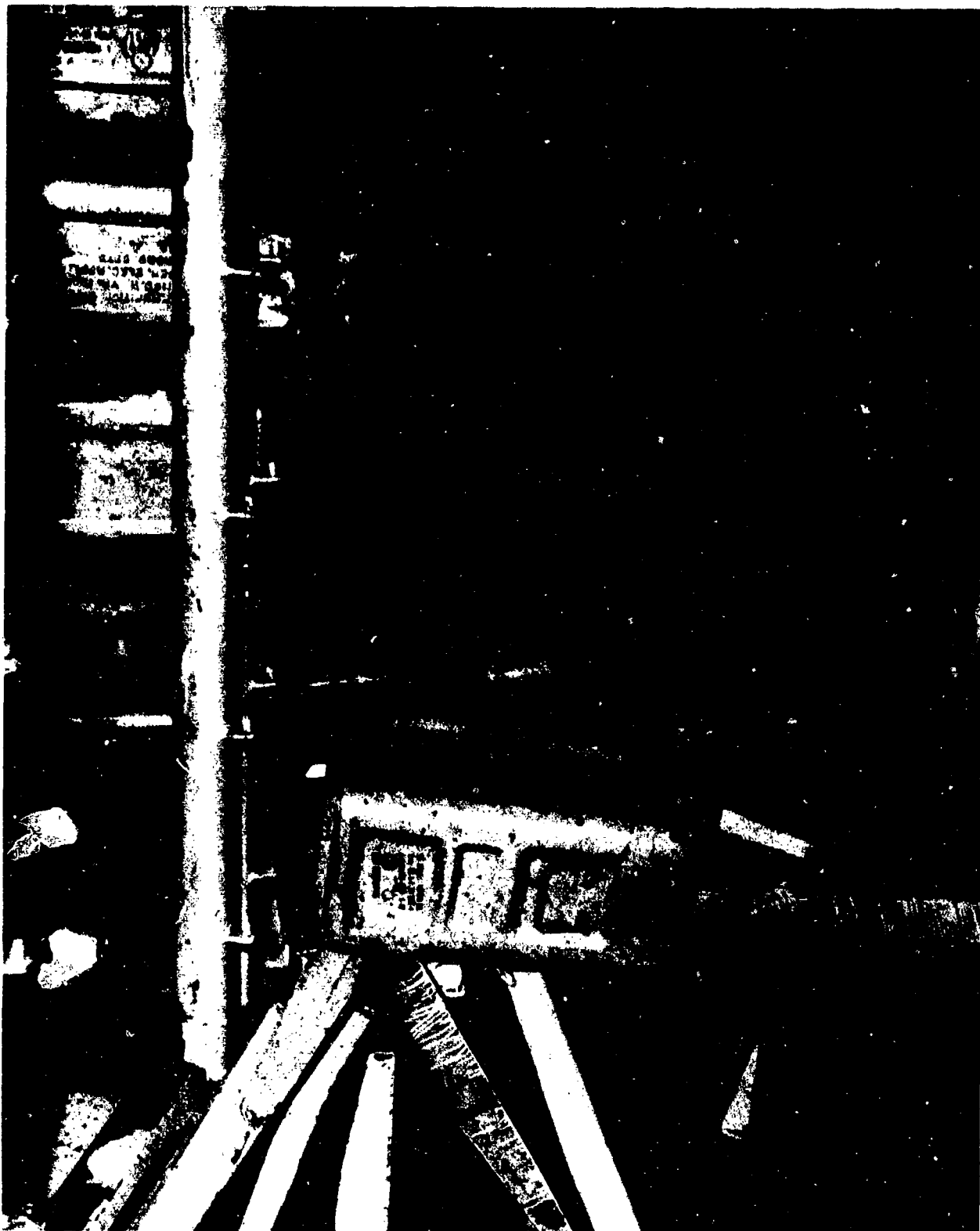


U.S.S. NEVALA (EC-36) - After saker  
Shows the effect of shock on the 20 MM Ammunition Stowage.  
The failure of battens was marked. The Ammunition was not harmed.  
Photo. No. AF-CR-76-1934-4.

ENCLOSURE

Enclosure (L) to Director Ship Material Serial 001500.

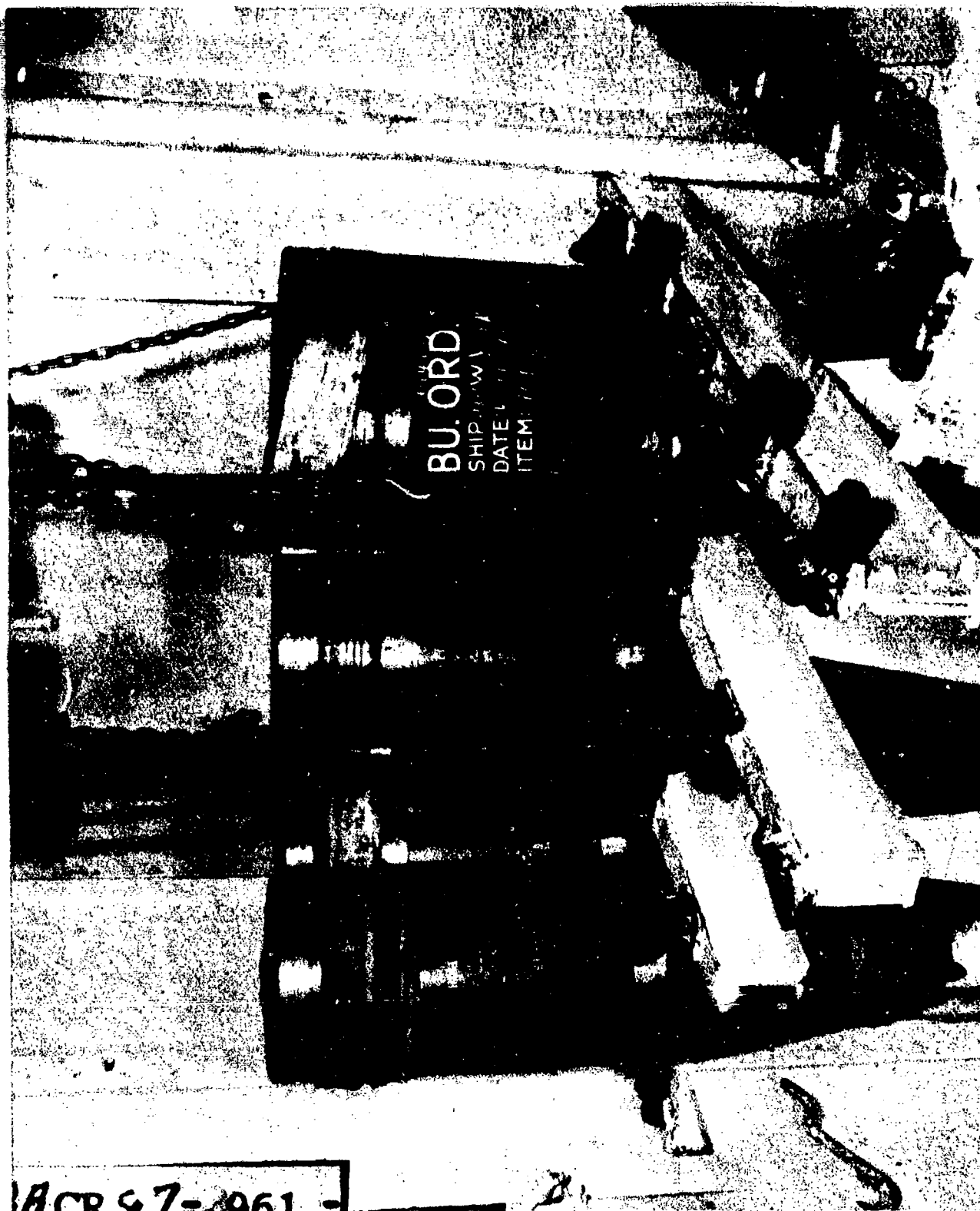




U.S.S. NEVADA (BB-36) - After Baker  
Shows the effect of shock on the 40 MM Ammunition Storage. The  
failure of battens and strappings was marked.  
Photo. No. AF-CR-76-1934-5.

SECRET

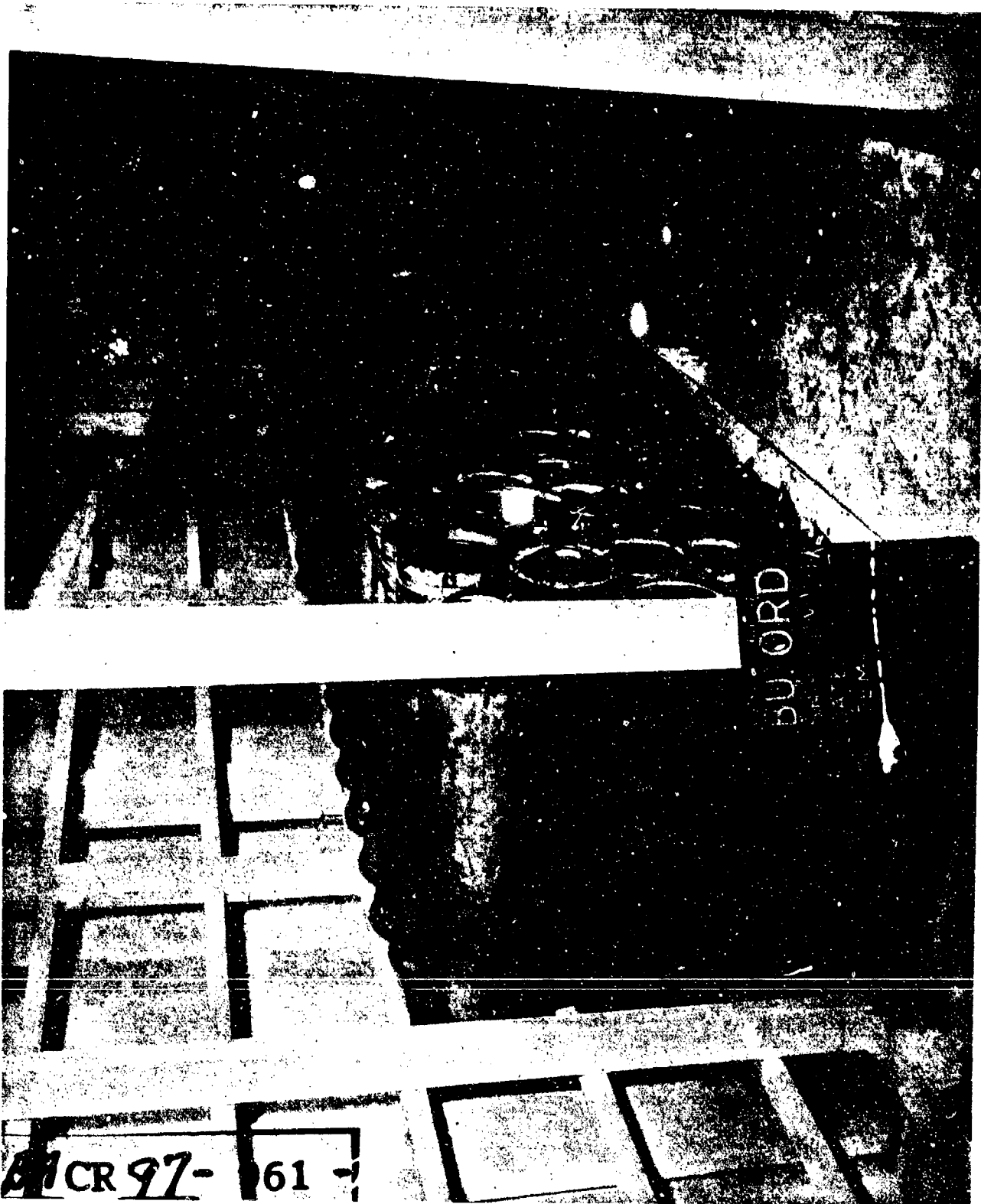
Enclosure (1) to Director Ship Material Serial 001500.



U.S.S. NEW YORK (BB-34) - Before Able  
Shows the 14"/45, projectile stowage in Magazine,  
A-57-M prior to Test "A". All projectiles are  
Service Ammunition.  
Photo. No. BA-CR-97-961-1.

SECRET

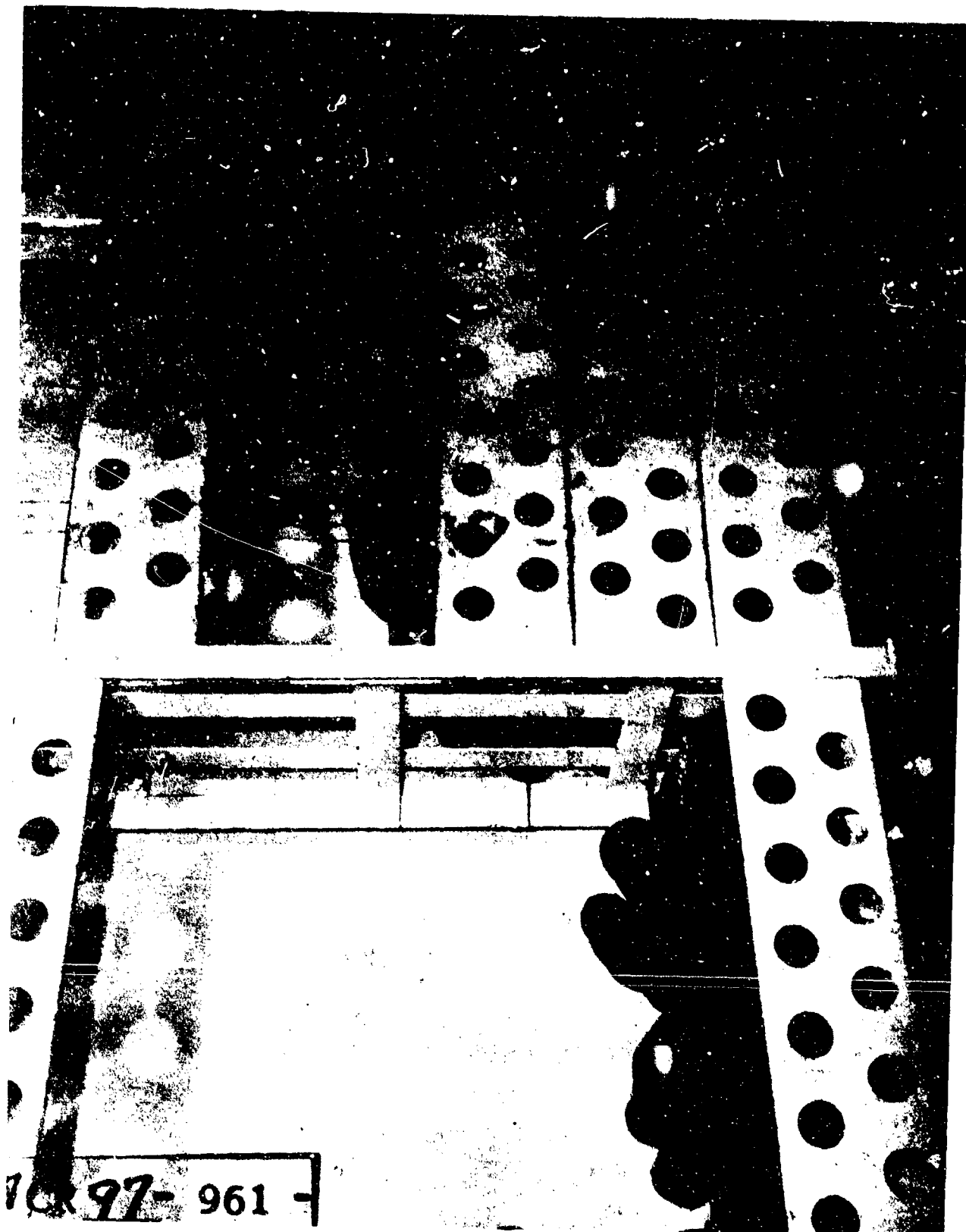
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. NEW YORK (BB-34) - Before Able  
Shows the typical stowage of 5"/51 Powder on board  
a Battleship prior to Test "A".  
Photo. No. BA-CR-97-961-2.

SECRET

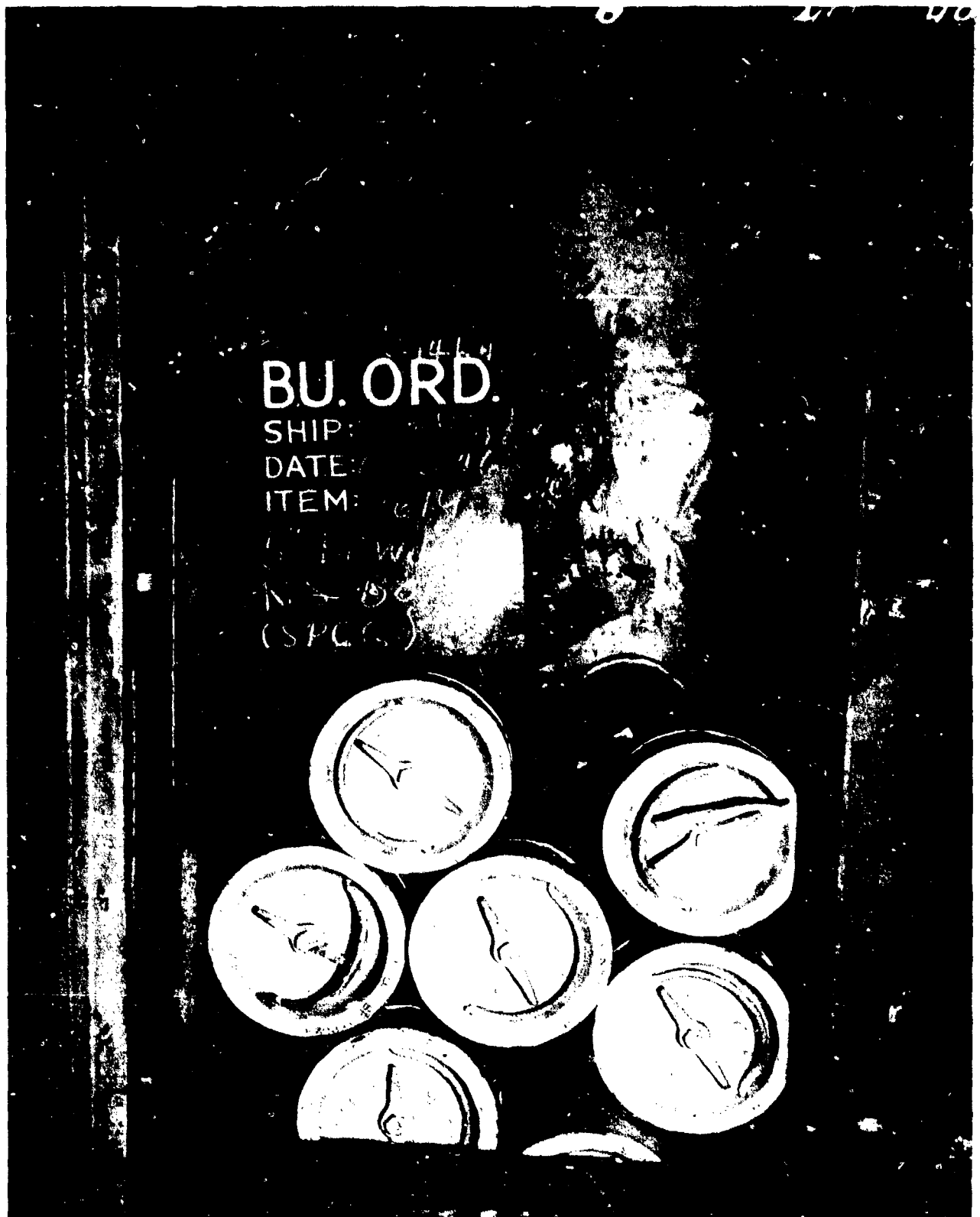
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. NEW YORK (BB-34) - Before Able  
Shows the 5"/51 Projectile Stowage prior to Test "A".  
Photo. No. BA-CH-97-961-3.

SECRET

Enclosure (E) to Director Ship Material Serial 001500.



U.S.S. NEW YORK (BB-34) - Before Able  
Shows the Special Test SPOG 5"/51 Powder in position  
in the Ready Service Box prior to Test "A".  
Photo. No. BA-CR-97-961-9.

**SECRET**

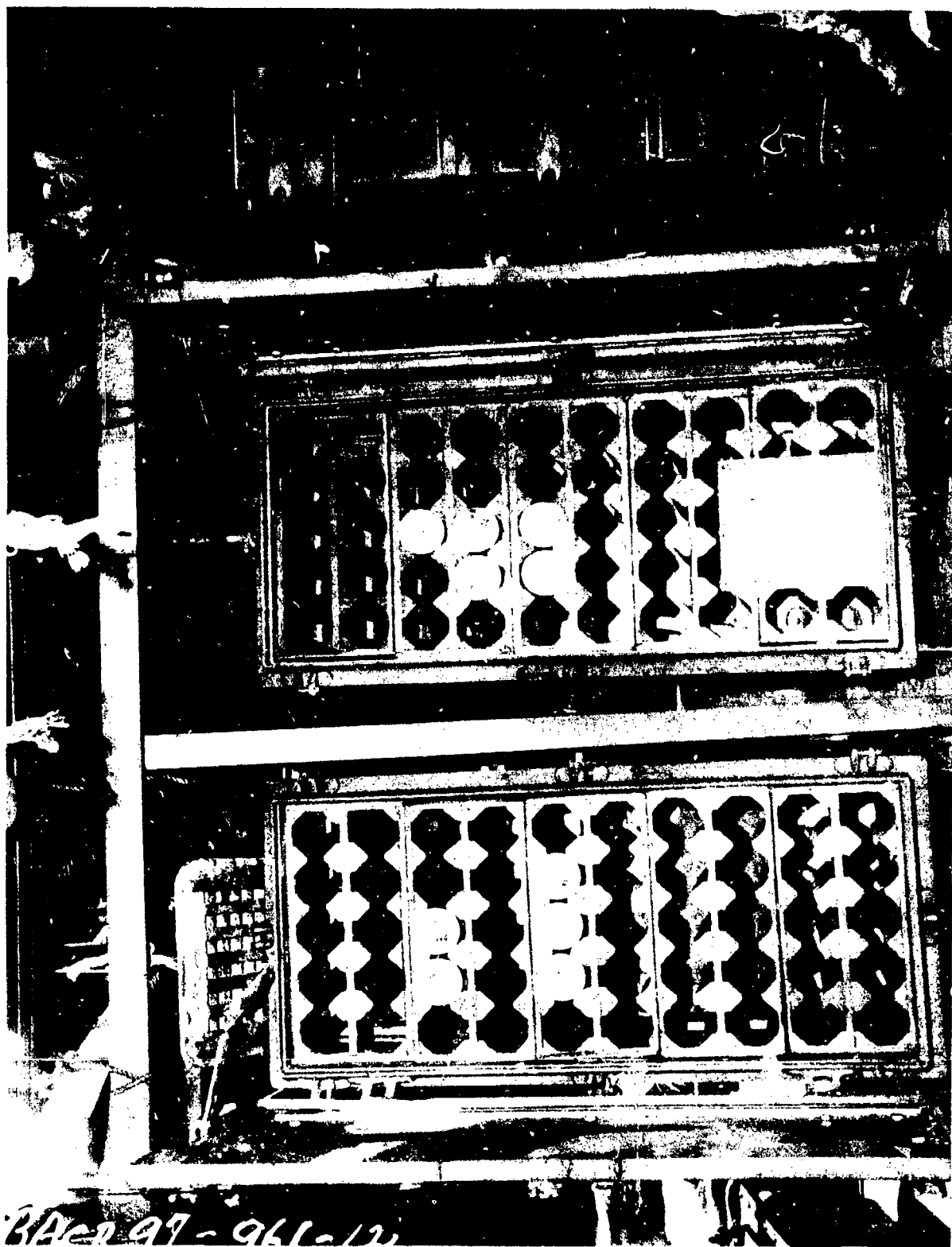
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. NEW YORK (BB-34) - Before Able  
Shows the 5"/51 Ready Service Projectile Stowage  
in Mount No. 6. Ammunition as shown in the photo is  
a Special Test Ammunition.  
Photo. No. BA-CR-97-961-10.

**SECRET**

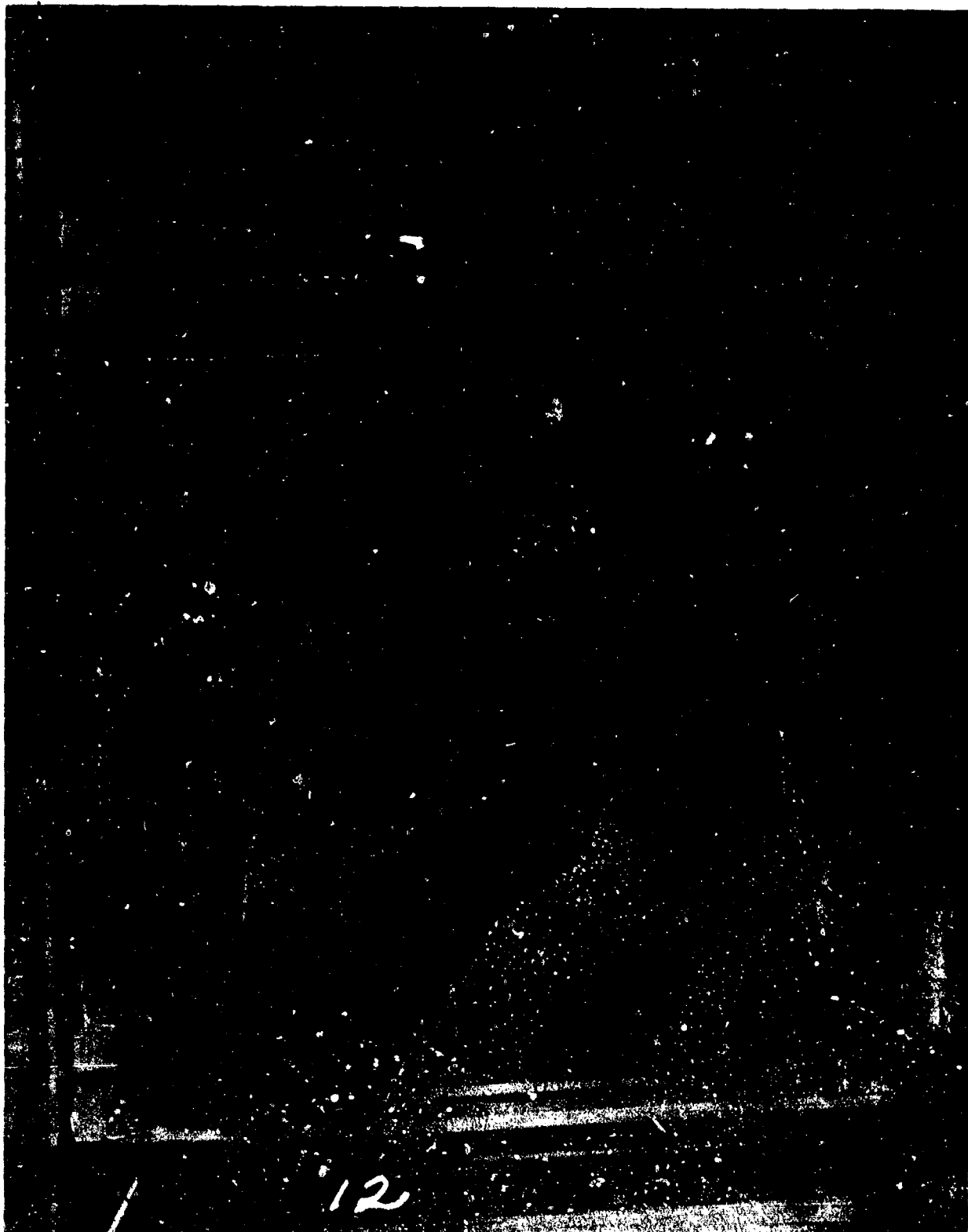
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. NEW YORK (BB-34) - Before Able  
Shows the 3"/50 Ready Service Lockers with ammunition in position prior to Test "A".  
On Test "A" these lockers were subjected to exceedingly high temperatures from burning  
Army Quartermaster Materials on display behind the lockers. After Test "A" pictures  
AA-CR-87-2540-3 and AA-CR-87-2540-4 register the extent of damage.  
Photo. No. BA-CR-97-961-12.

**S E C R E T**

Enclosure (E) to Director Ship Material Serial 001500.

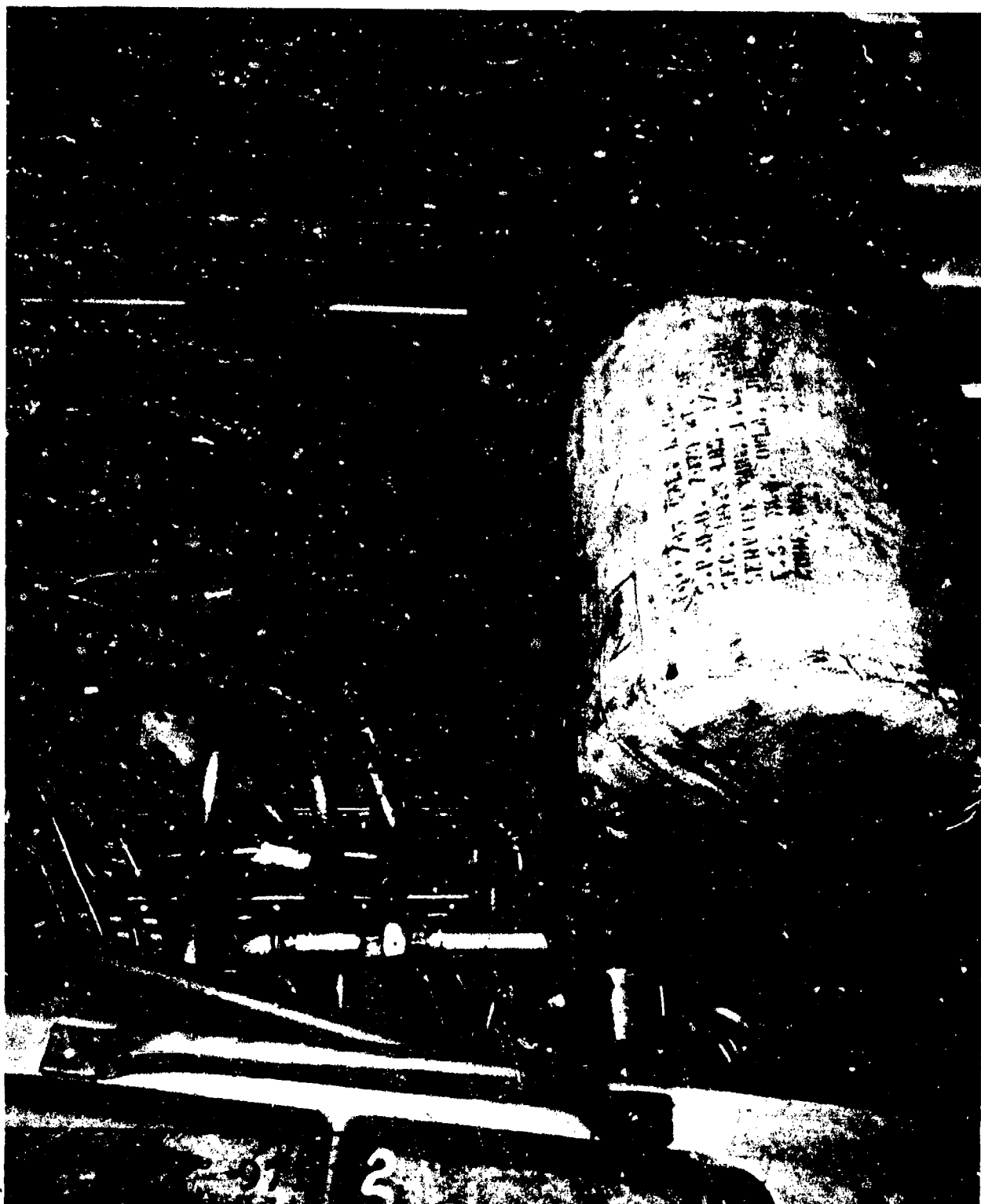


U.S.S. NEW YORK (BB-34) - Before Able  
Shows the 14"/45 Powder Stowage in Magazine, A-54-M, prior  
to Test "A".  
Photo. No. BA-CR-97-962-12.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.





U.S.S. NEW YORK (BB-34) - Before Able

Shows the Special Test Ammunition in position on the left gun, gun trays in turret No. 2 prior to Test "A". The Special Ammunition consisted of: One Armor Piercing Projectile, 14"/45, blind loaded and fuze with a Mk. 21 Base Fuze; One bag of SFC Powder.

Photo. No. BA-CR-97-971-2.

**S E C R E T**

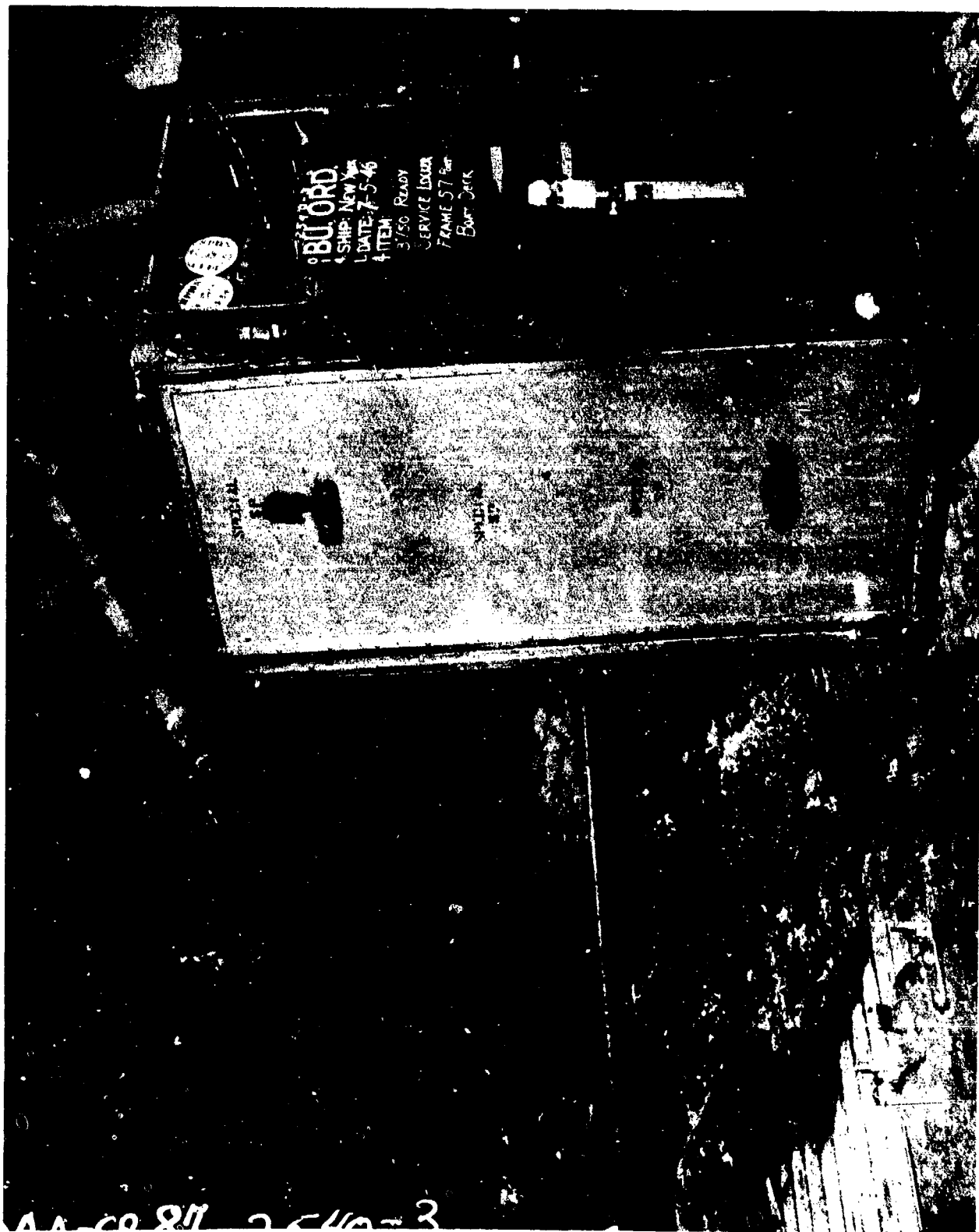
Enclosure (D) to Director Ship Material Serial OC1500.



U.S.S. NEW YORK (BB-34) - Before Able  
Shows the Aircraft Bomb Stowage in Magazine, C-32-M,  
prior to Test "A". All ammunition is Service Ammunition.  
Photo. No. BA-CR-97-971-5.

**S E C R E T**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. NEW YORK (Bb-34) - After Able

Shows the 3"/50 Ready Service Locker (front view) after it had been subjected to intense heat caused from burning Army Quartermaster Materials in the rear. Temperatures were so extreme that the Maximum and Minimum Thermometer as seen in the photo was ruptured from its expanding mercury. Surveillance test of the smokeless powder revealed no changes had occurred. Pre-test "A" picture, BA-CH-92-961-12 may be employed for comparison.

Photo. No. AA-CH-87-2546-3.

S E C R E T

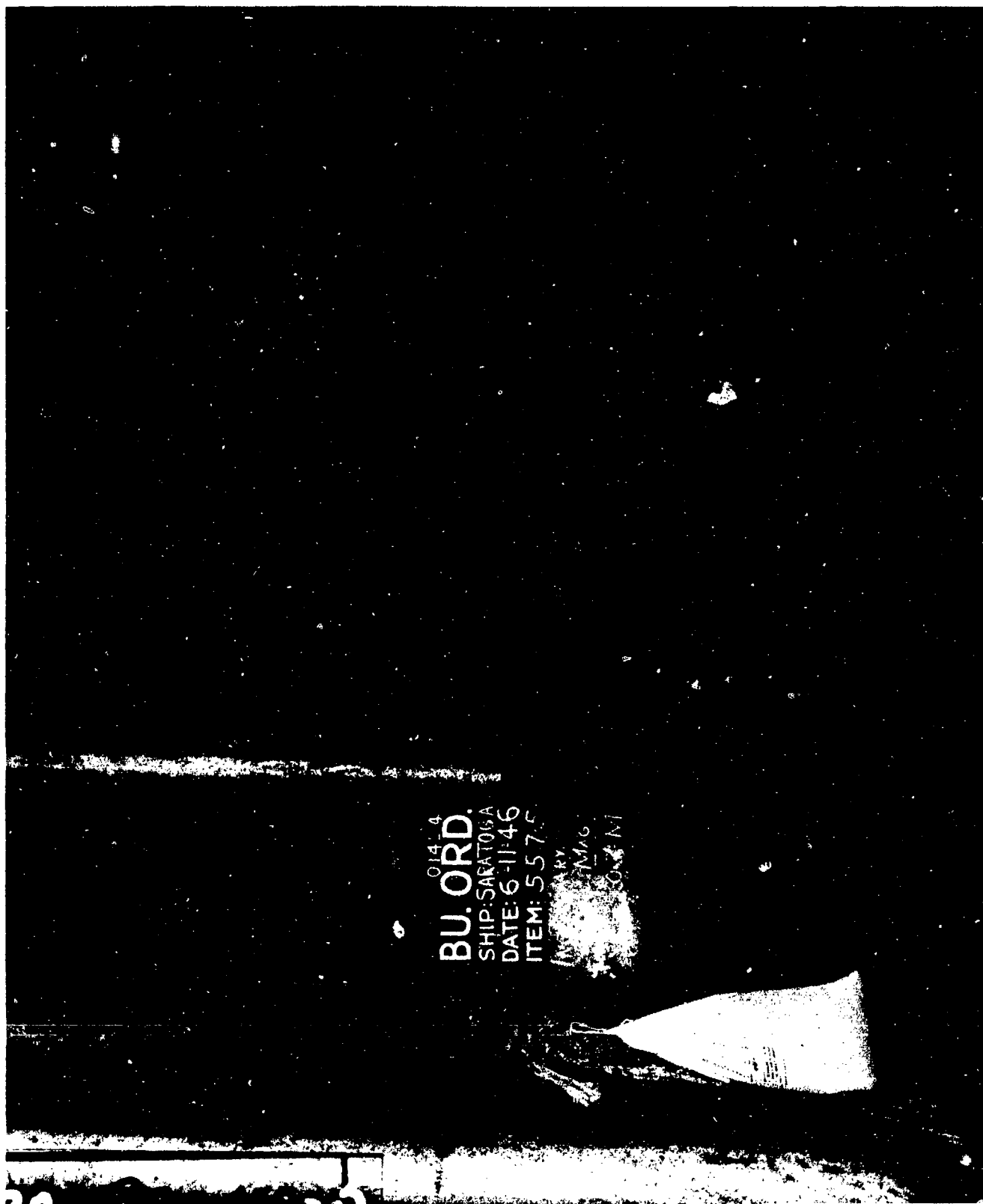
Enclosure (D) to Director Ship; Material Serial 001500.



U.S.S. NEW YORK (EB-34) - After Able  
Shows the intensity of heat subjected to the 3"/50 Ready Service Lockers from burning  
Army Quartermaster Materials on display. The Maximum and Minimum Thermometer inside  
the lockers were ruptured from expanding mercury indicating that the ammunition had  
withstood exceedingly high temperatures. Surveillance test of the smokeless powder  
revealed no change.  
Photo. No. AA-CR-87-2540-7.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001900.



U.S.S. SARATOGA (CV-3) - Before Able  
Shows the Incendiary Bomb Storage prior to Test "A".  
Photo. No. BA-CR-92-457-5.

S E C R E T

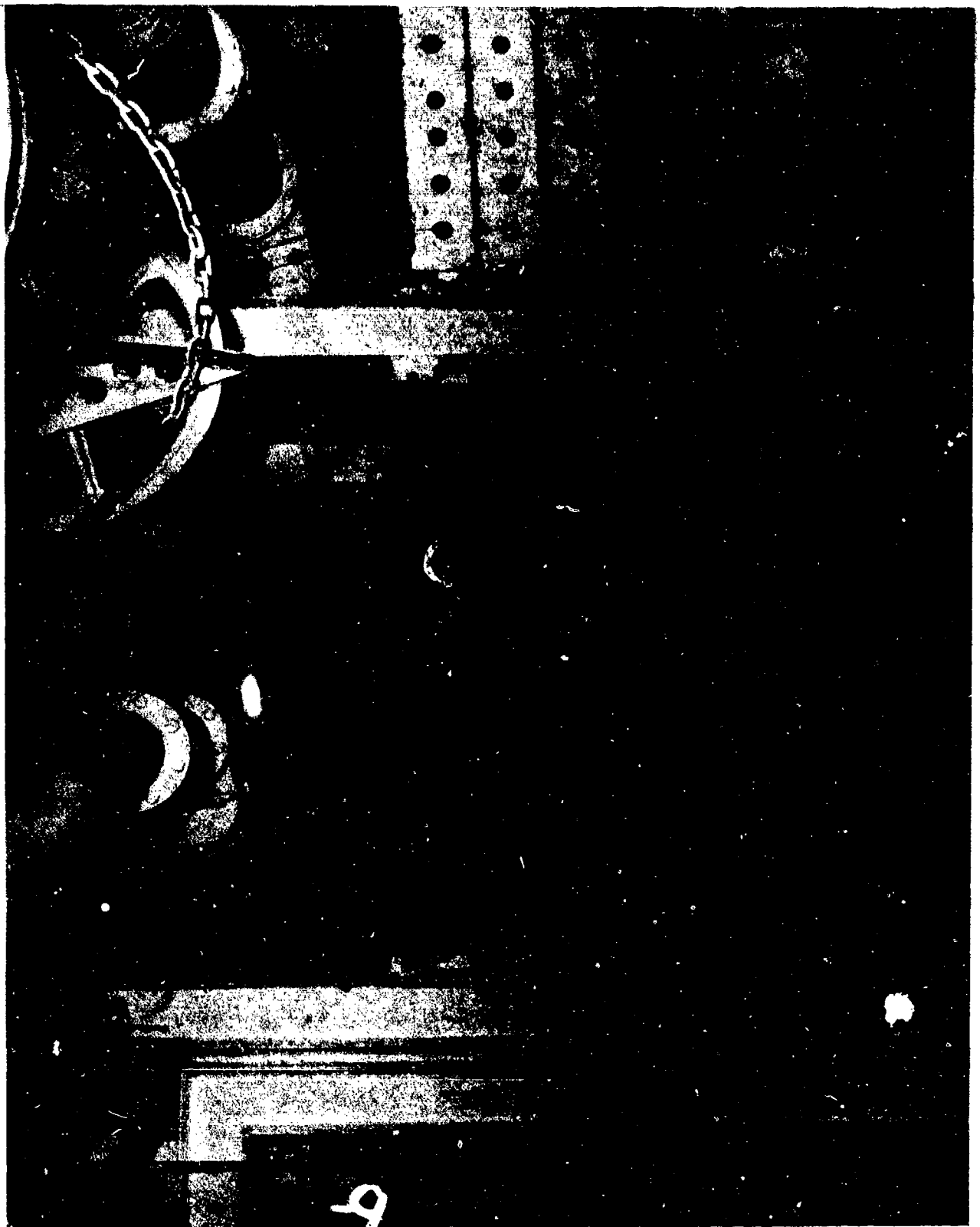
Enclosure (E) to Director Ship Material Serial 001500.



U.S.S. SARATOGA (CV-3) - Before Able  
Shows the 20 MM Magazine, A-421-M, prior to Test "A".  
Photo. No. BA-CR-92-457-7.

**SECRET**

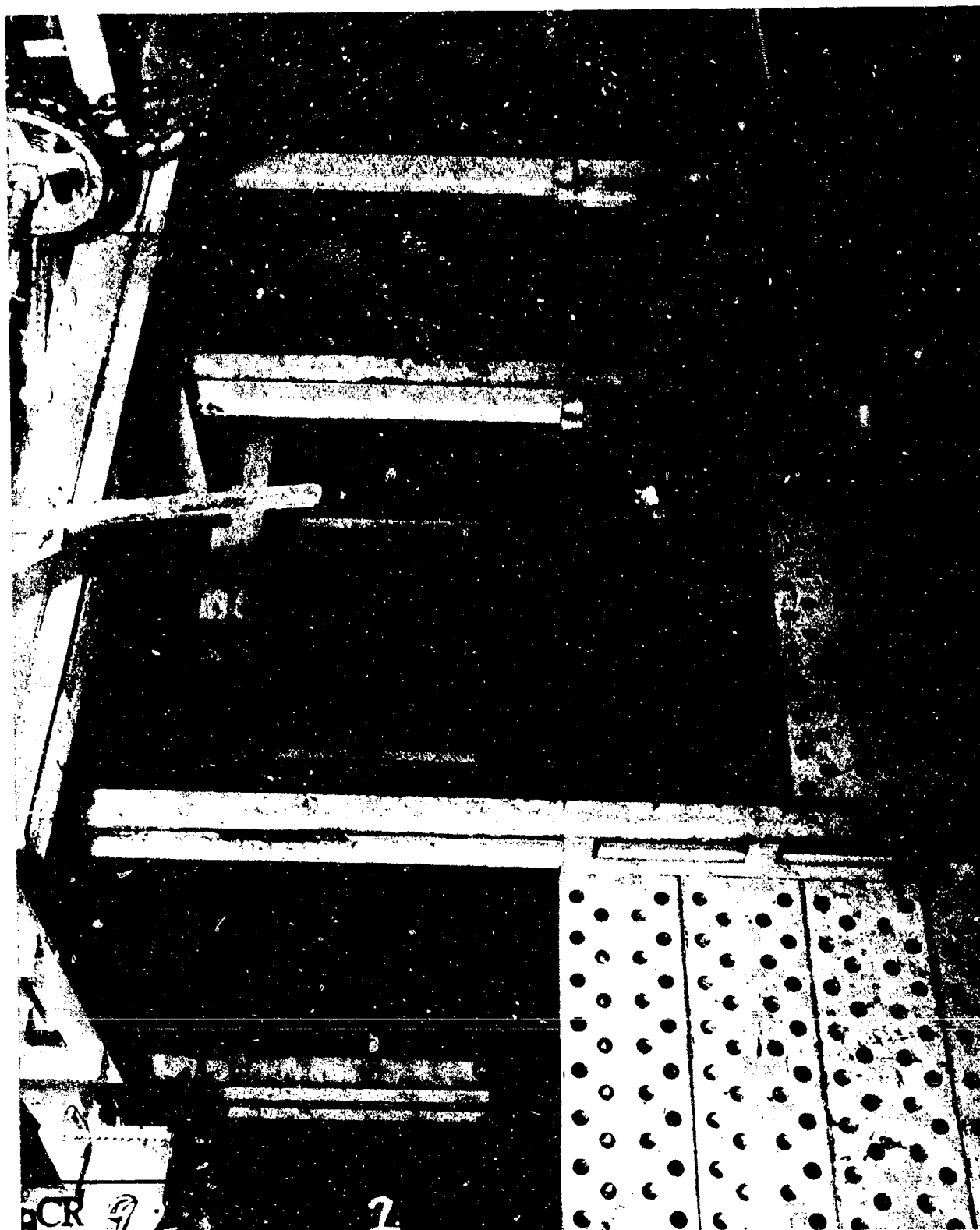
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SAGHURA (OV-3) - Before Able  
Shows the typical 5" Aircraft Rocket Head Stowage,  
A-33-1 prior to Test "A".  
Photo. No. AN-GR-42-457-9.

SECRET

Enclosure (5) to Director Ship Material Serial 001500.

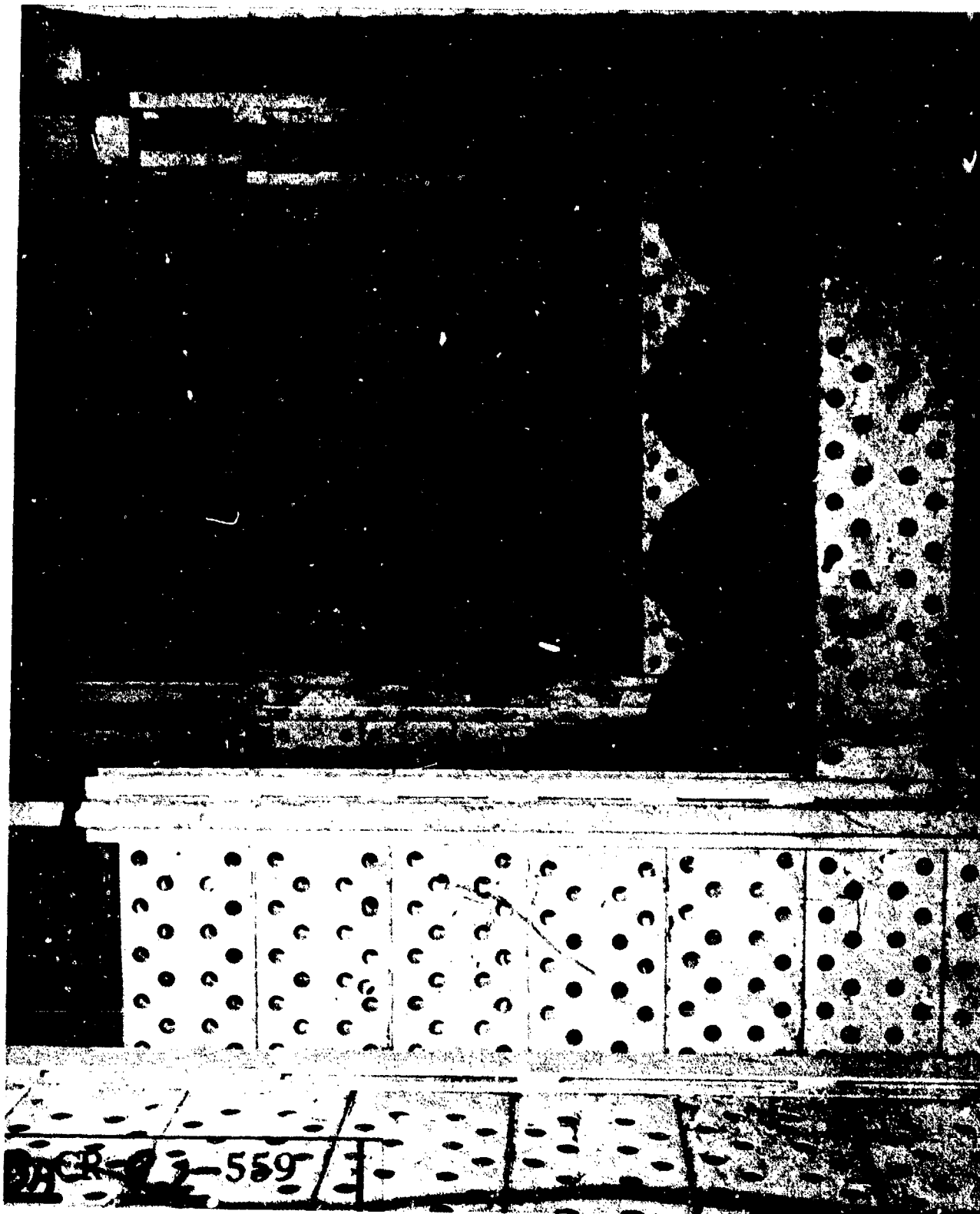


U.S.S. SARATOGA (CV-3) - Before Able  
Shows the 500 lb., bomb magazine, A-520-M prior  
to Test "A".  
Photo. No. BA-CR-92-559-2.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

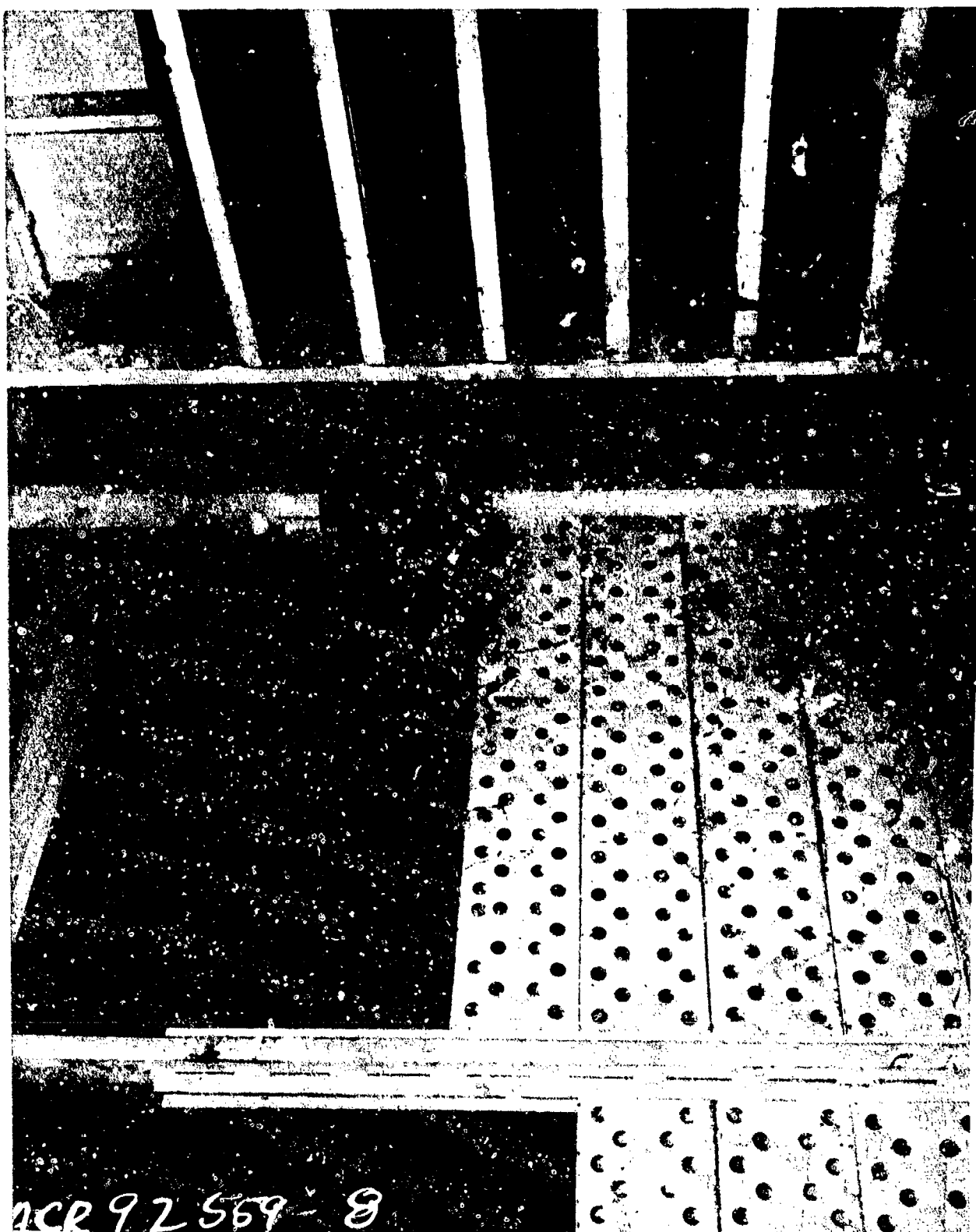




U.S.S. SKEETER (PC-2) - Before Able  
Shows the 500 lb. and 200 lb. depth bomb magazine,  
A-621-E prior to Test 17.  
Photo. No. NA-GR-92-159-7.

**SECRET**

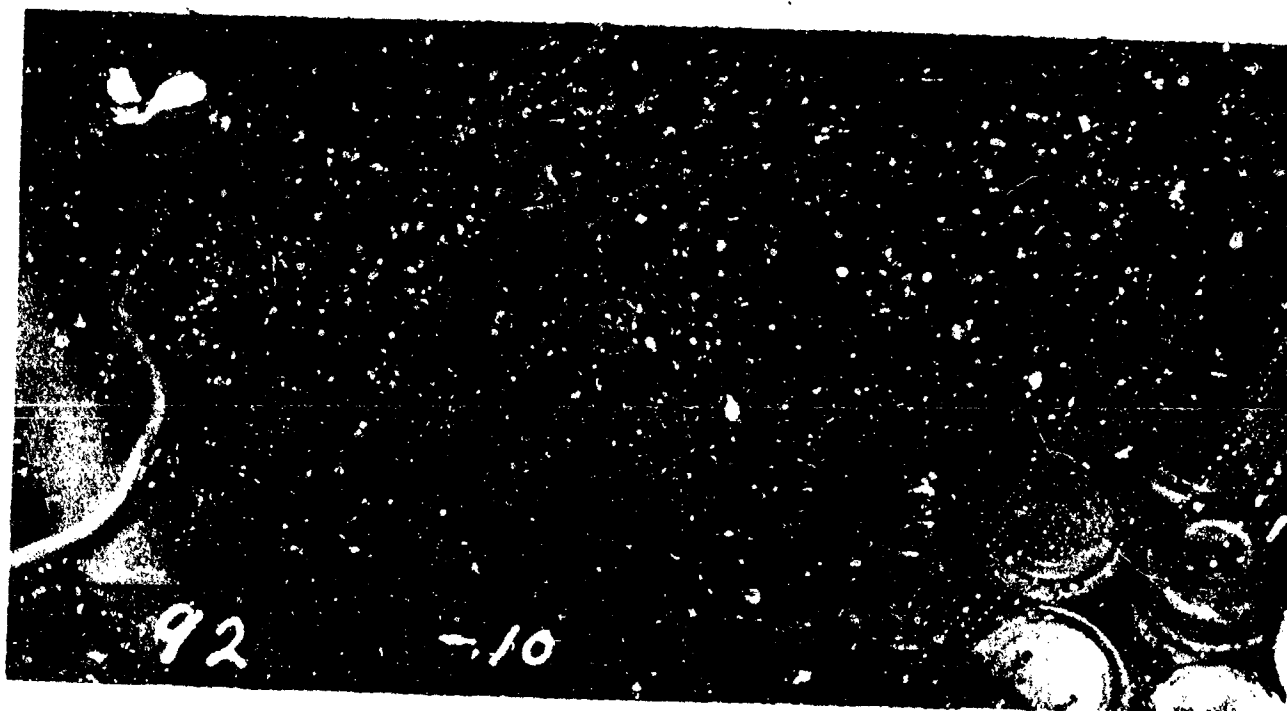
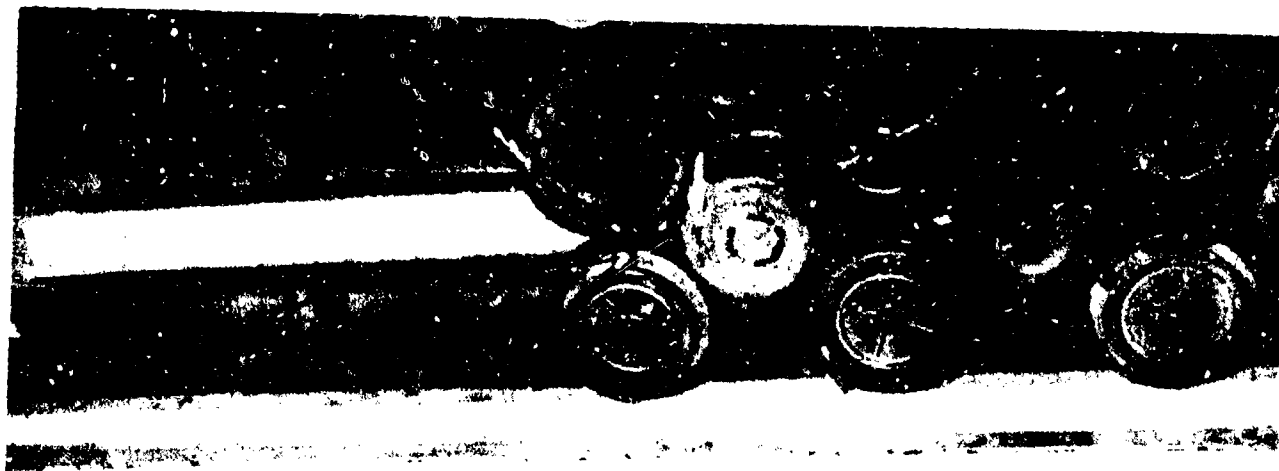
Enclosure (D) to Director Ship Materiel Serial 601500.



U.S.S. SARATOGA (CV-3) - Before ALLE  
Shows the 100 lb., and 1000 lb., bomb magazine,  
A-620-M, prior to Test "A".  
Photo. No. RA-CR-92-559-8.

SECRET

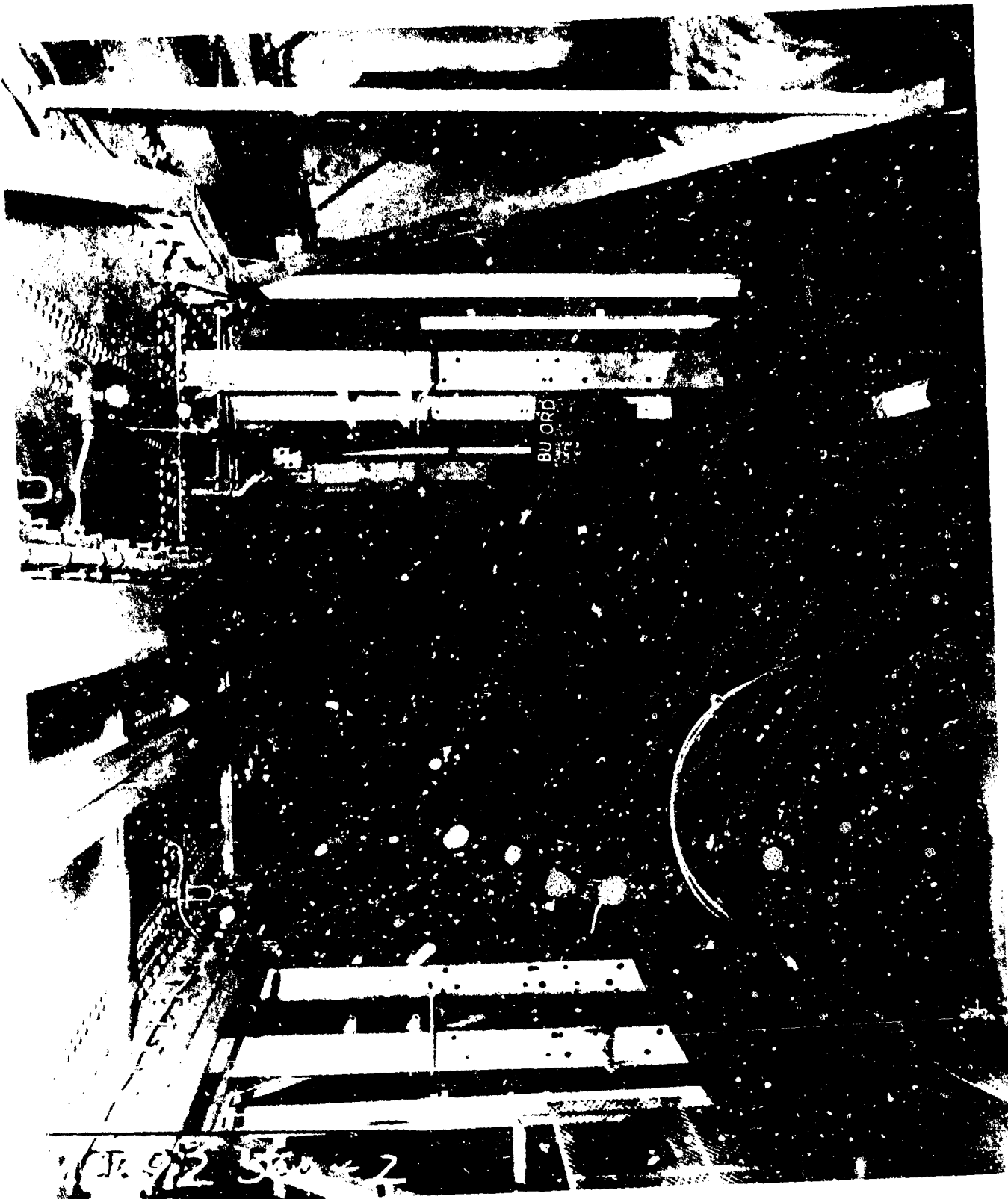
Enclosure (D) to Director Ship Material Serial 201500.



U.S.S. SARATOGA (CV-3) - Before Able  
Shows the 5" powder magazine, A-611-M with powder  
in position for test "A".  
Photo. No. BA-CR-92-559-10.

\*\*\*\*\*

Reference (D) to Director Ship Material Serial 001500.



U.S.S. SARATOGA (CV-3) - Before Able  
Shows the torpedo ready service stowage on the  
magazine deck (02 level) prior to Test "A".  
Photo. No. 6A-CH-92-560-2.

**SECRET**

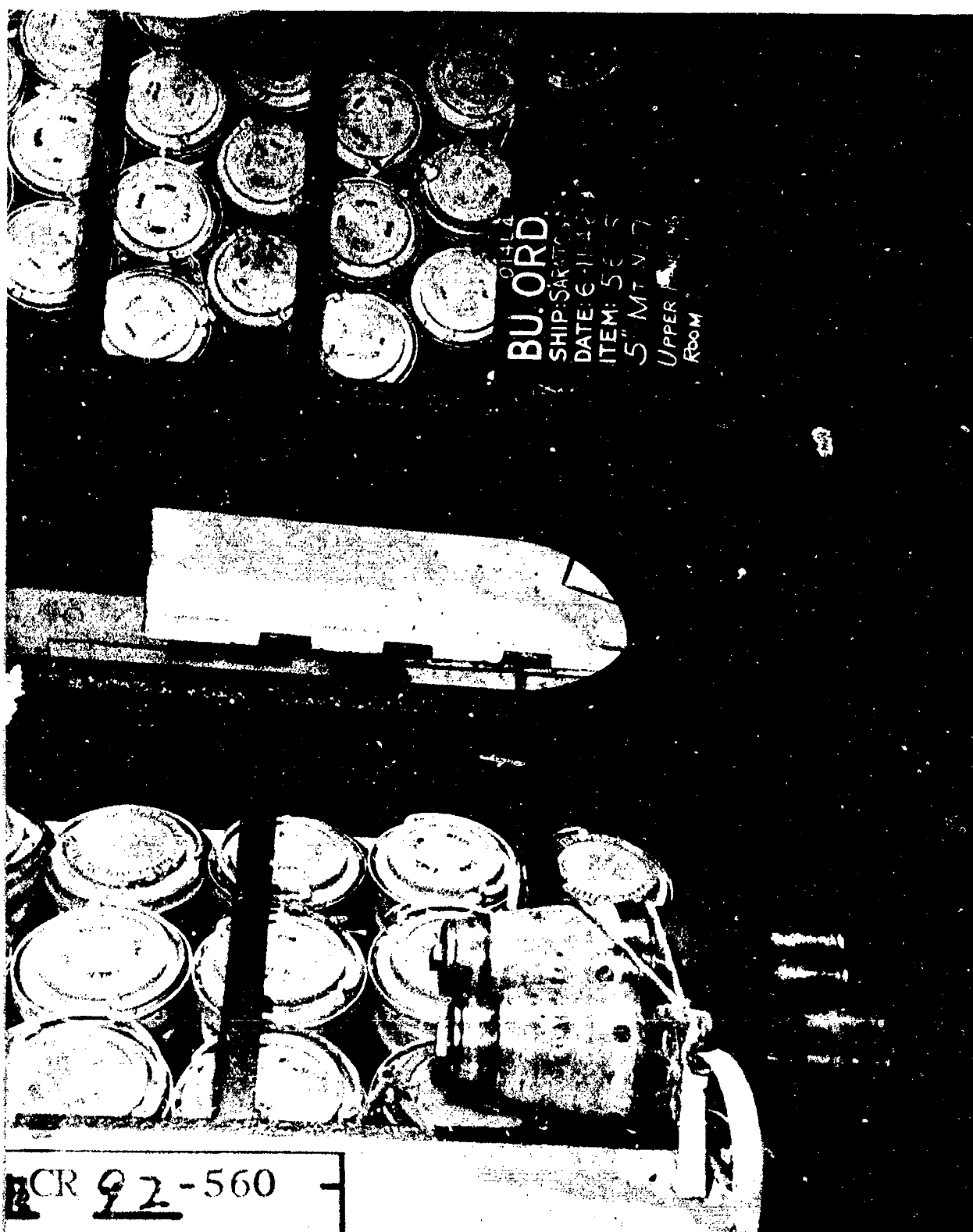
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SARATOGA (CV-3) - Before Attle  
 Shows the upper 5"/38 handling room for Mount 7 prior  
 to Test "A".  
 Photo. No. PA-OR-92-548-7.

211-11

Enclosure (1) to Director Ship Material Serial 10130.



BU. ORD.  
SHIP: SAK  
DATE: 6-11-48  
ITEM: 5  
5" MT V. 7  
UPPER ROOM

CR 92-560

U.S.S. SAKAHO (CV-3) - Before Able  
Shows the upper 5"/38 handling room for Mount 7  
prior to Test "A".  
Photo. No. SA-CR-92-560-5.

111111

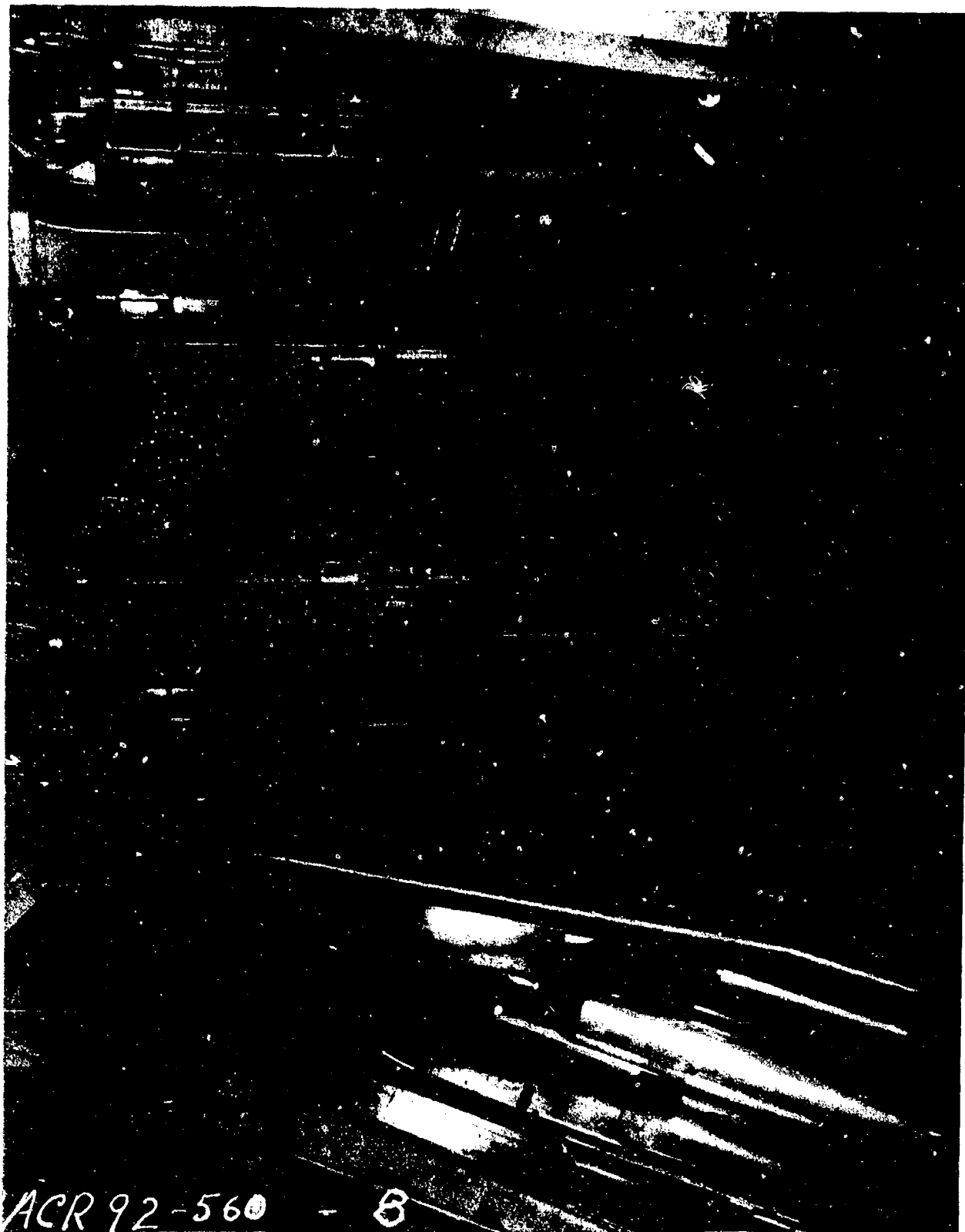
enclosure (U) to Director Ship Material Serial 00100.



U.S.S. SARAPOA (CV-3) - Before Able  
Shows the (L&F) Special Test Ammunition in position  
in Mount, No. 7 prior to Test "A".  
Photo. No. BA-GH-92-560-6.

**SECRET**

Enclosure (L) to Director Ship Material Serial 001500.

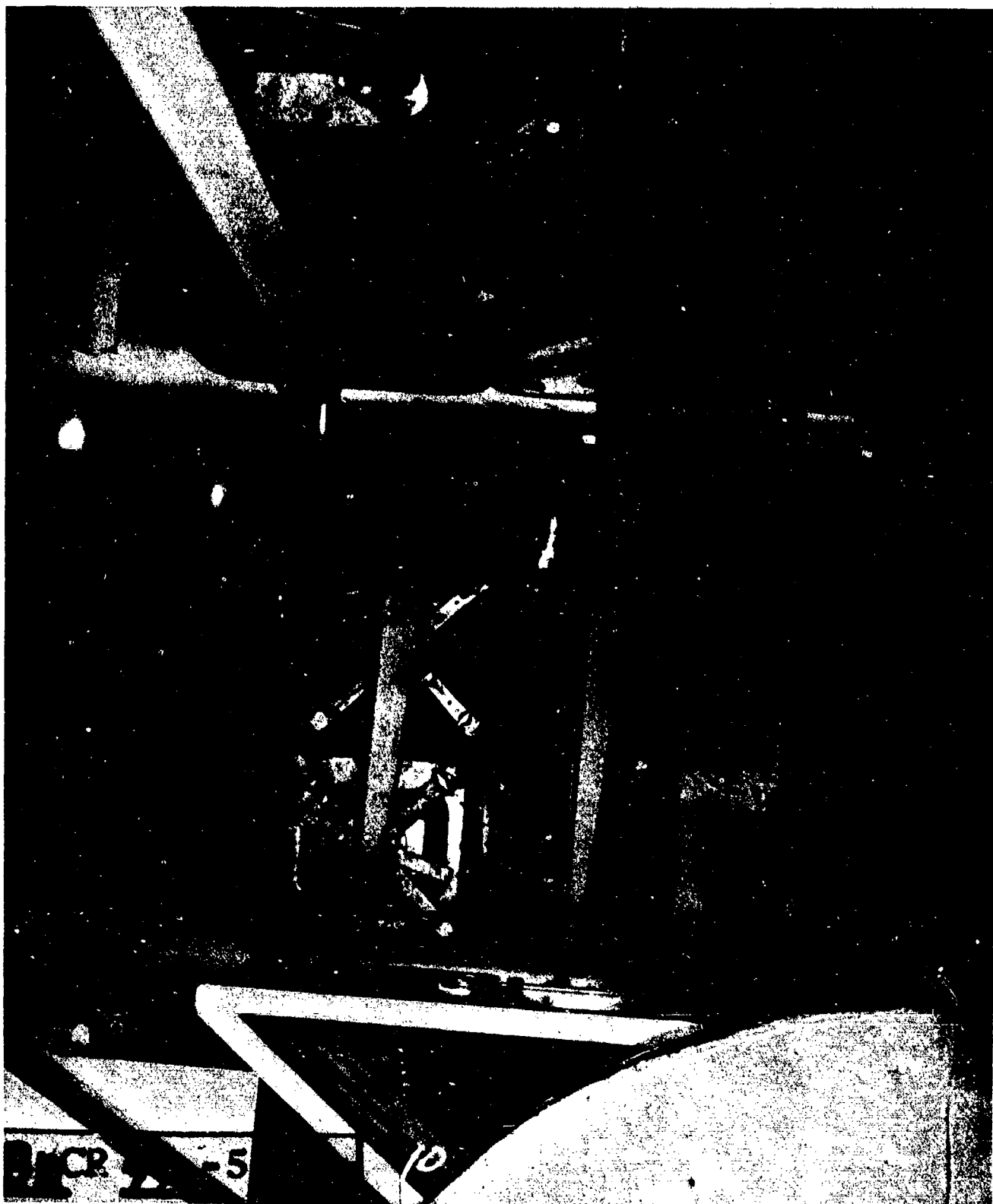


U.S.S. SARATOGA (CV-3) - Before Able  
Shows the Special Test Ammunition in position in  
Mount No. 5 prior to Test "A".  
Photo. No. EA-CR-92-560-8.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.





U.S.S. SARATOGA (CV-3) - Before Able  
Shows the 40 MM Clipping Room and typical stowage battens  
in position prior to Test "A".  
Photo. No. NA-CR-92-560-10.

S E C R E T

Enclosure (B) to Director Ship Material Serial 001500.



U.S.S. SARATOGA (CV-3) - Before Able  
Shows the 500 lb., general purpose, aircraft bombs,  
AN-M64A1, plaster loaded and fuzed, in position prior to Test "A".  
Photo. No. DA-CR-63-1560-3.

ENCLOSURE

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SARATOGA (CV-3) - Before Able  
Shows the 500 lb., general purpose, aircraft bombs, AN-M64A-1, plaster loaded  
and fuze in position prior to Test "A".  
Photo. No. BA-CR-63-1960-6.

**S E C R E T**

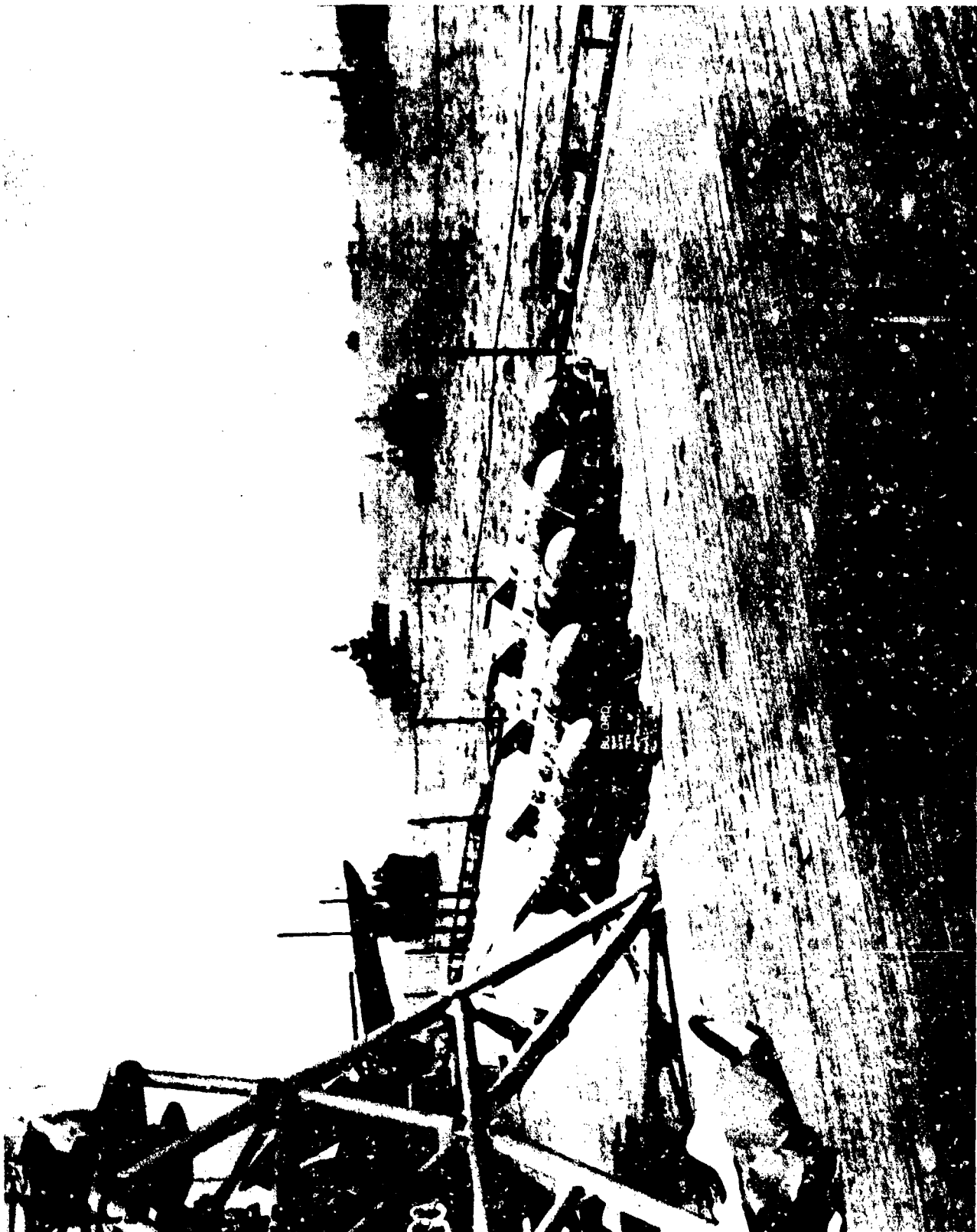
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SARATOGA (CV-3) - Before Able  
Shows the 11".75 Aircraft Rocket (Tiny Tim) in position  
for Test "A". The complete rocket was inert.  
Photo. No. BA-CR-63-1560-7.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SARATOGA (CV-3) - Before Able  
Shows the 11".75 Aircraft Rocket (Tiny Tim) in position  
prior to Test "A". The rockets were completely inert.  
Photo. No. BA-CR-63-1560-8.

SECRET

Enclosure (2) to Director Ship Material Serial 001500.

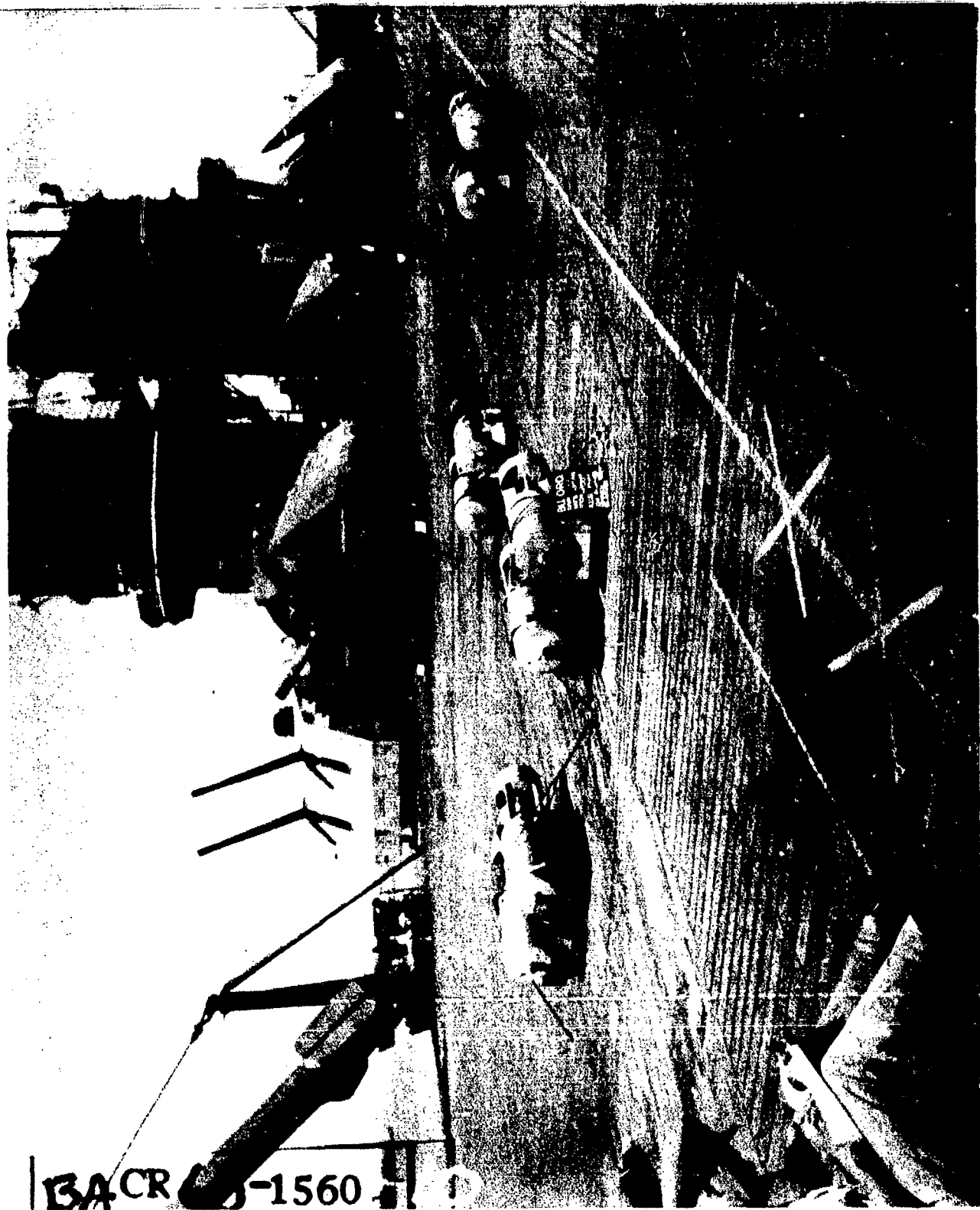


BA CR 63-1560.

U.S.S. SARATOGA (CV-3) - Before Able  
Shows the 350 lb., aircraft depth bombs, Mark. 10 Mod. 3,  
plaster loaded and fuzed, in position prior to test "A".  
Photo. No. BA-AR-63-1560-9.

SECRET

Enclosure (D) to Director Ship Material Serial 301300.



BA CR 63-1560-10

U.S.S. SARATOGA (CV-3) - Before side  
Shows the 350 lb., aircraft depth bomb, AN-Mk. 54 Mod. 1,  
plaster loaded and fuze, in position prior to Test "A".  
Photo. No. BA-CR-63-1560-10.

SECRET

Enclosure (1) to Director's Material Serial 001500.

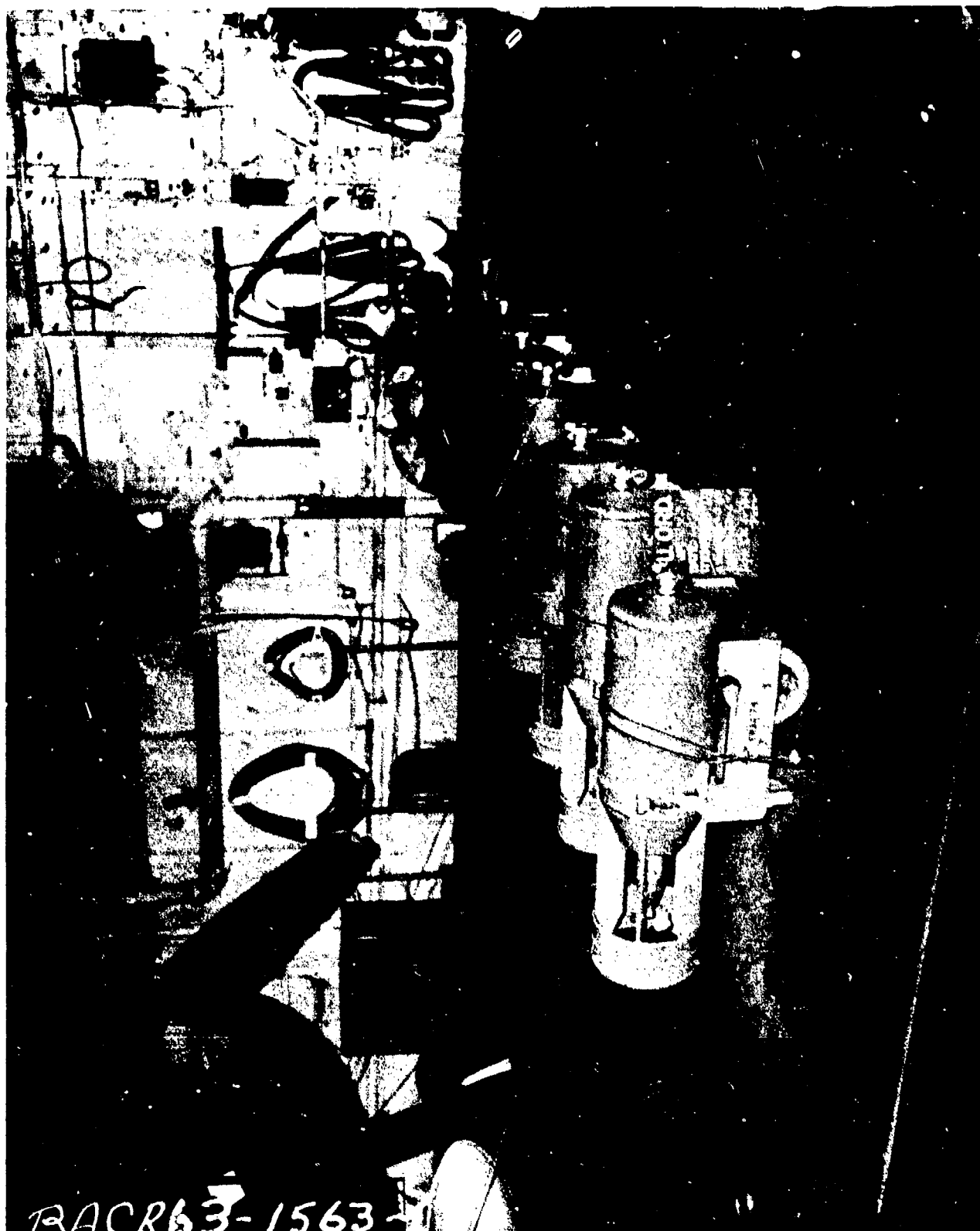


U.S.S. SARATOGA (CV-3) - Before Able  
Shows the 5"/54 Aircraft Rockets assembled and in  
position prior to Test "A".  
Photo. No. BA-CH-63-1560-12.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.





U.S.S. SAKATOGA (CV-3) - Before Able  
Shows the 350 lb., aerial depth bombs, AN-Mk. 54, Mod. 1,  
plaster loaded and fixed, in position prior to Test "A".  
Photo. No. BA-OB-63-1563-1.

SECRET

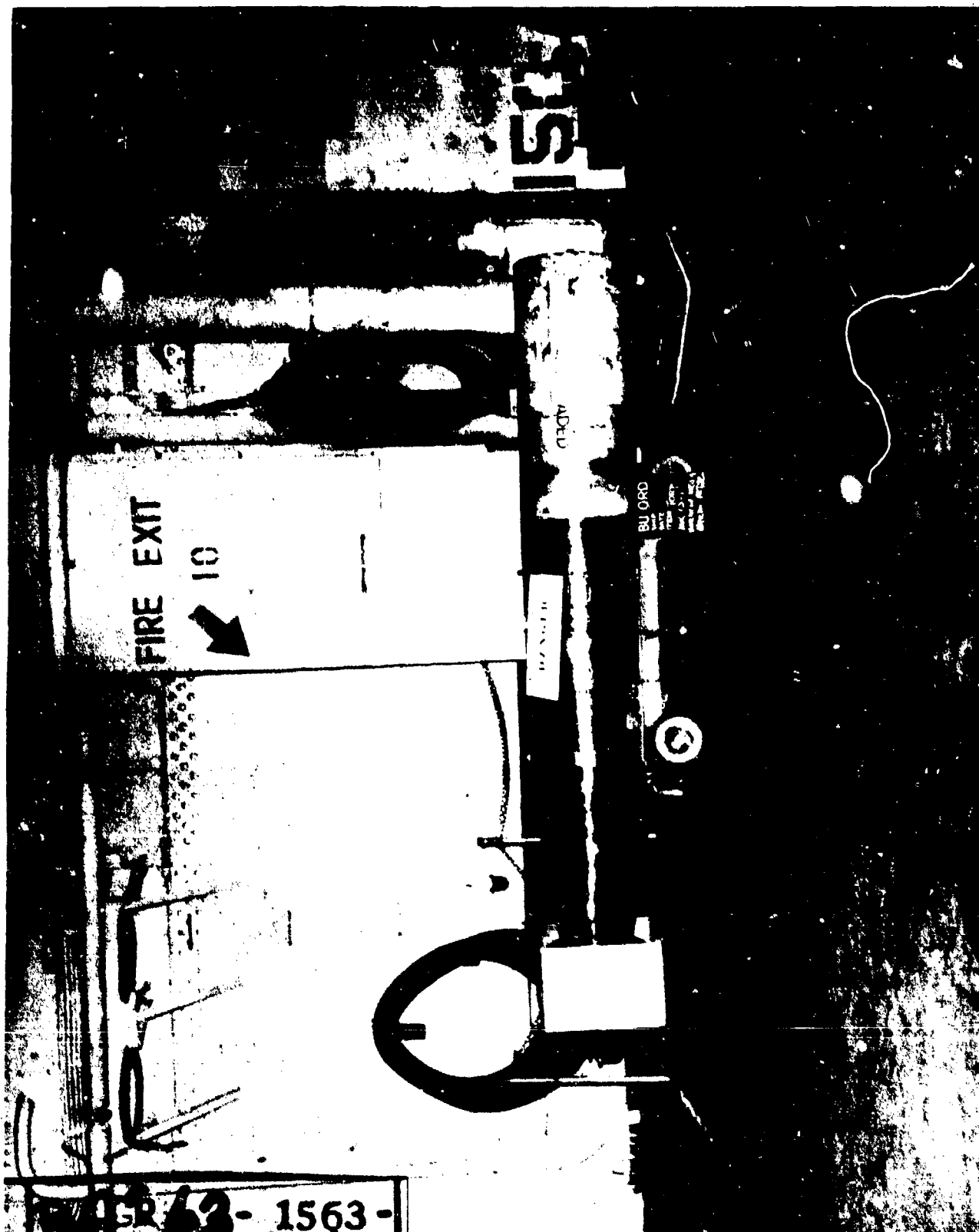
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SARATOGA (CV-3) - Before Able  
Shows the 500 lb., general purpose, aircraft bomb, AN-M6/A1,  
plaster loaded and fuze in position prior to Test "A".  
Photo. No. BA-Ch-63-1563-4.

**SECRET**

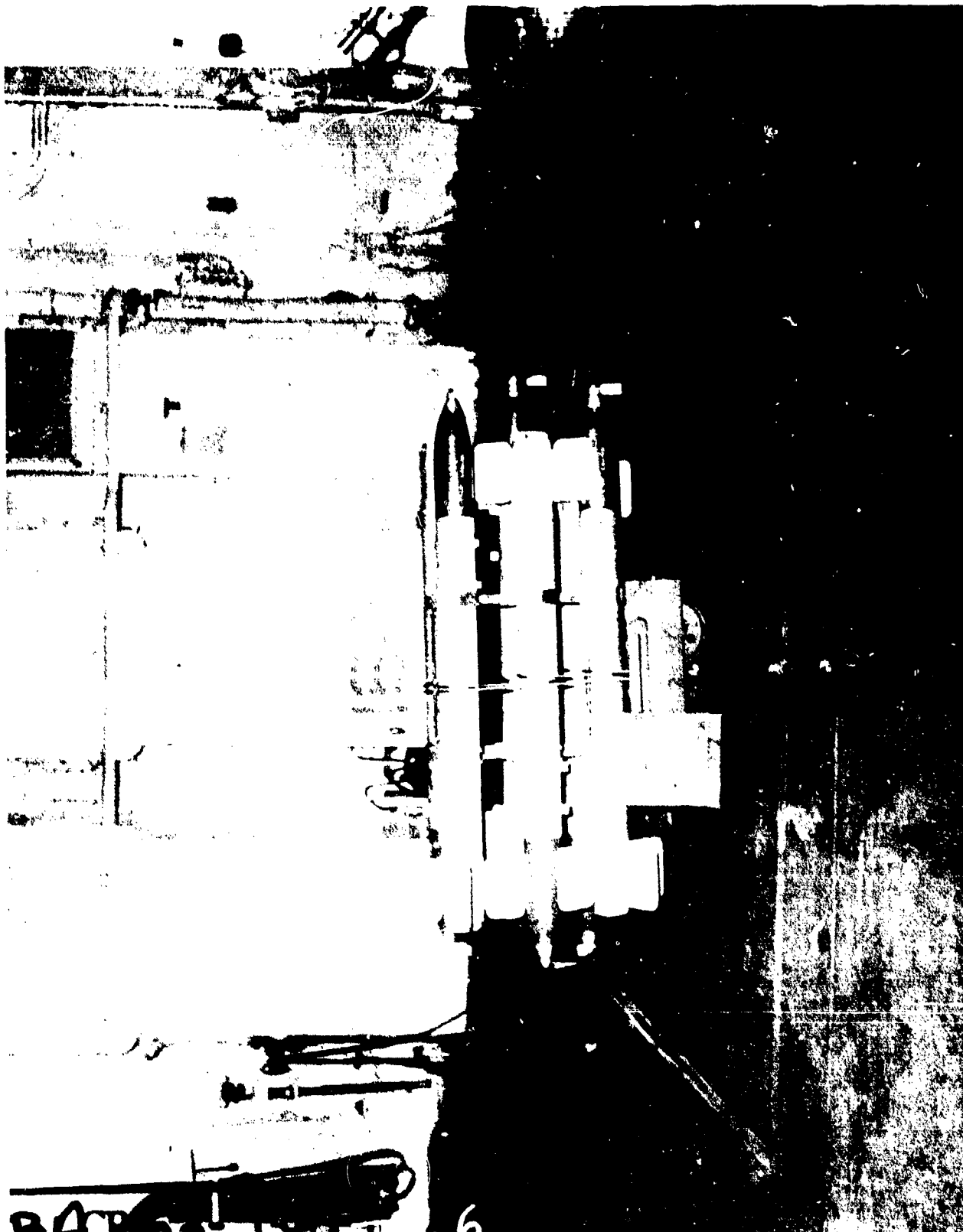
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SARATOGA (CV-3) - Before Able  
Shows the Special Test Aircraft Torpedo, Mk. 13,  
in position prior to Test "A". The warhead is inert  
loaded but the flask is fully charged.  
Photo. No. RA-CR-63-1563-5.

**SECRET**

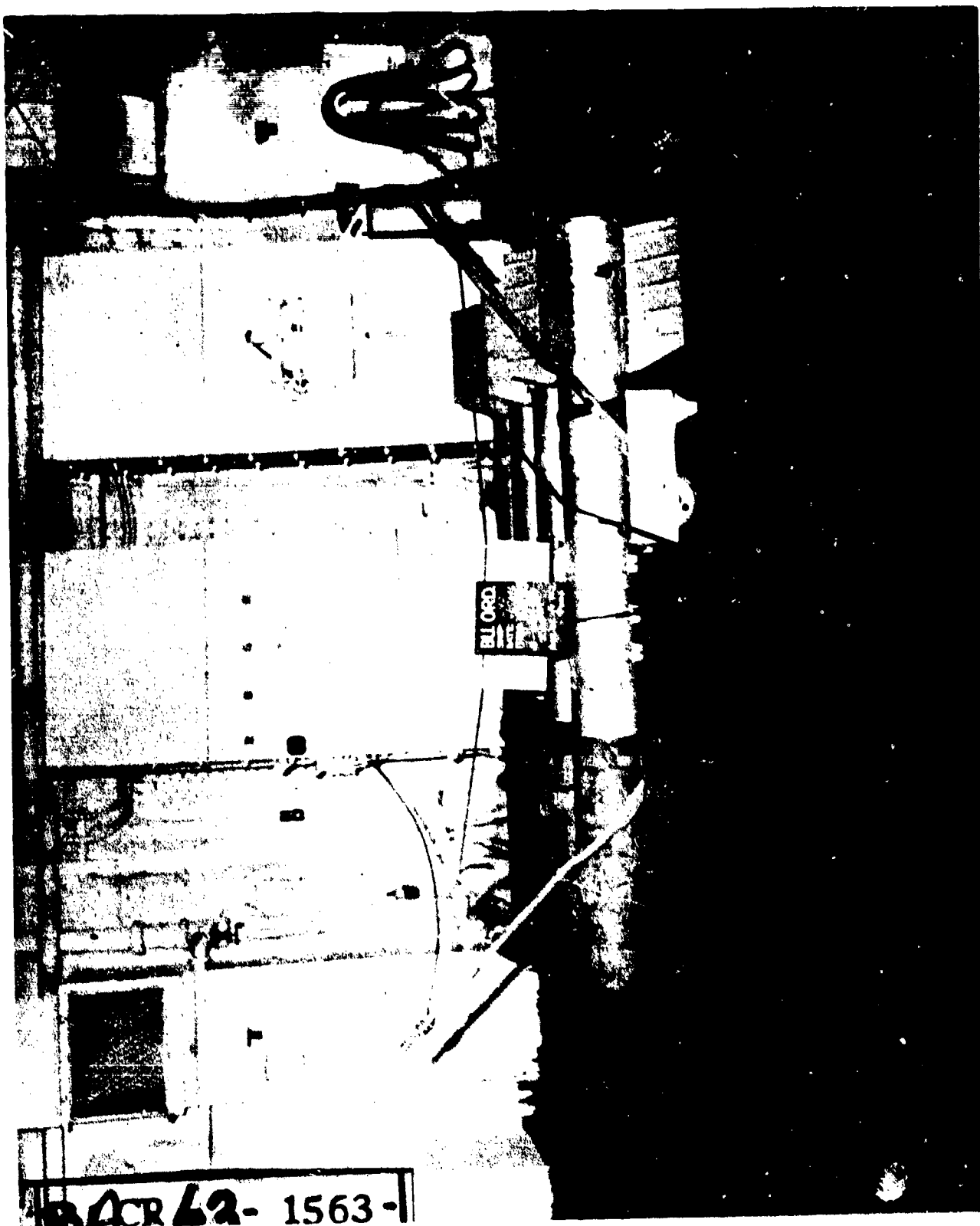
Enclosure (D) to Director Ship Material Serial 001600.



U.S.S. SARATOGA (CV-3) - Before Aft  
Shows the assembled 5".0 Aft. O. Locket. In position  
prior to Test "A".  
Photo. No. RA-CR-63-1563-6.

SECRET

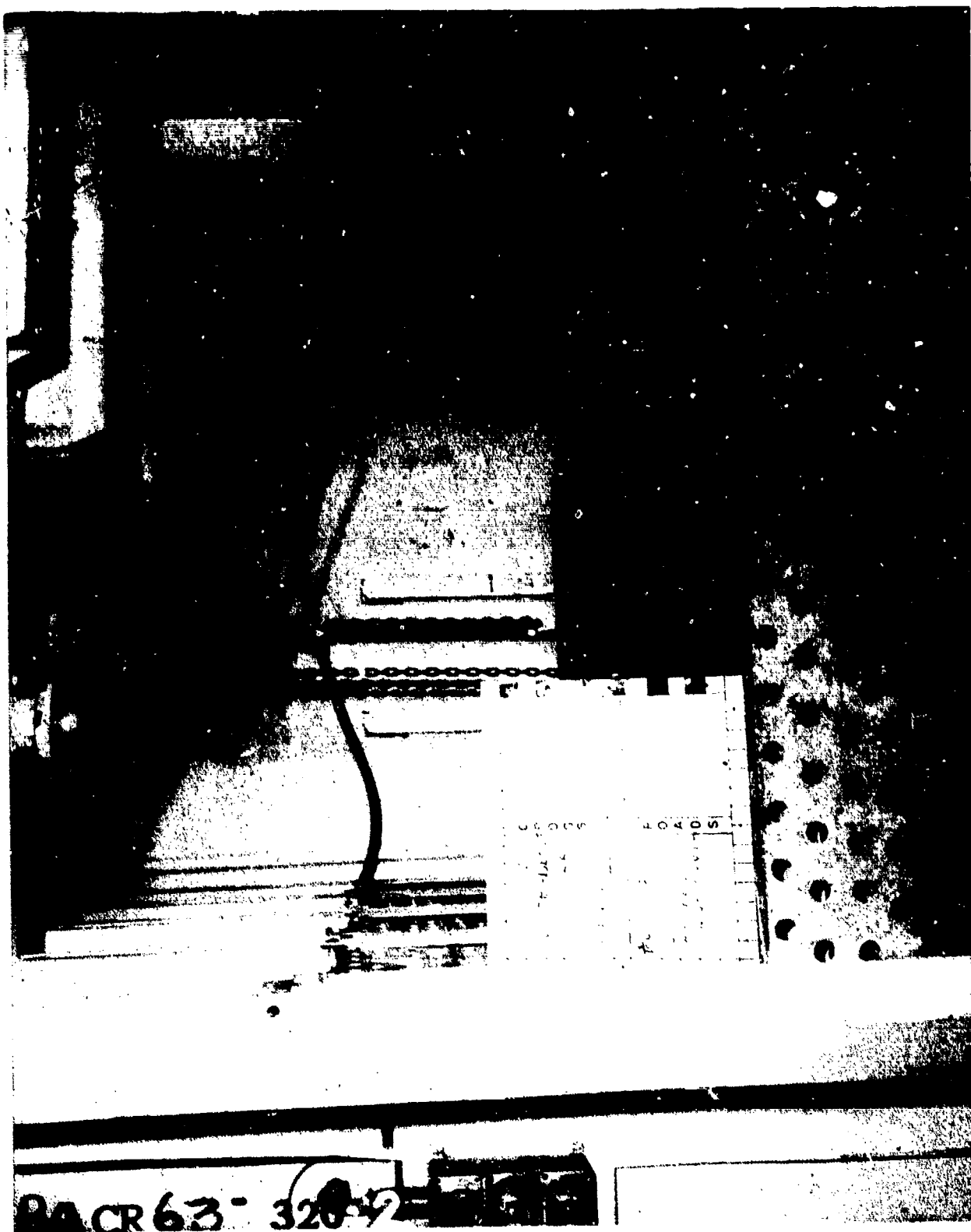
Enclosure (L) to Director Ship Material Serial 07167.



U.S.S. SARATOGA (CV-3) - Before Able  
Shows the 11".75 Aircraft Rockets, (Tiny Tim), Inert  
loaded, in position prior to Test "A".  
Photo. No. BA-CR-63-1563-7.

**SECRET**

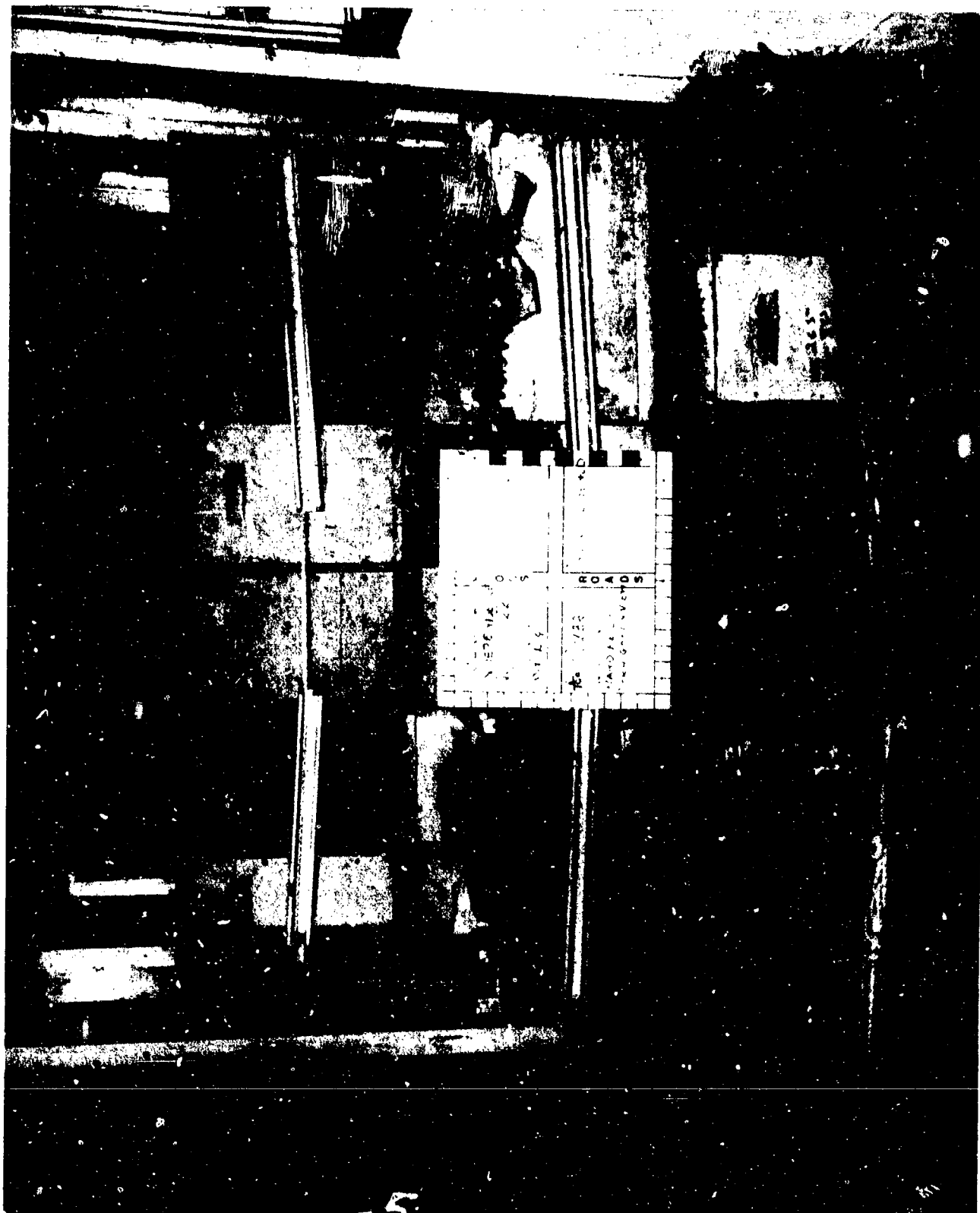
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. INDEPENDENCE (CVL-22) - before Able  
shows the 1000 lb., armor piercing, Alcon St Bomb,  
stowed in Magazine A-511-B prior to test "A". Bombs  
are Service bombs.  
Photo. No. PA-CR-63-320-2.

**SECRET**

Enclosure (B) to Director WHI Material Serial 60150.



U.S.S. INDEPENDENCE (CVL-22) - Before Able  
Shows the 50 Cal. Small Arms Ammunition Storage  
in magazine, C-507-M, prior to Test "A".  
Photo. No. FA-CR-63-320-5.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. INDEPENDENCE (CVL-22) - Before Able  
Shows the 40 MM Ammunition Stowage in Magazine,  
C-0303-M prior to Test "A". All ammunition is  
service ammunition.  
Photo. No. EA-CF-63-320-7.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.





U.S.S. INDEPENDENCE (CVL-22) - Before Able  
Shows the Aircraft Ready Torpedo Stowage in Compartment  
C-101-B prior to Test "A". Torpedoes are Service Torpedoes.  
FBX loaded.  
Photo. No. RA-CR-63-320-11.

**SECRET**

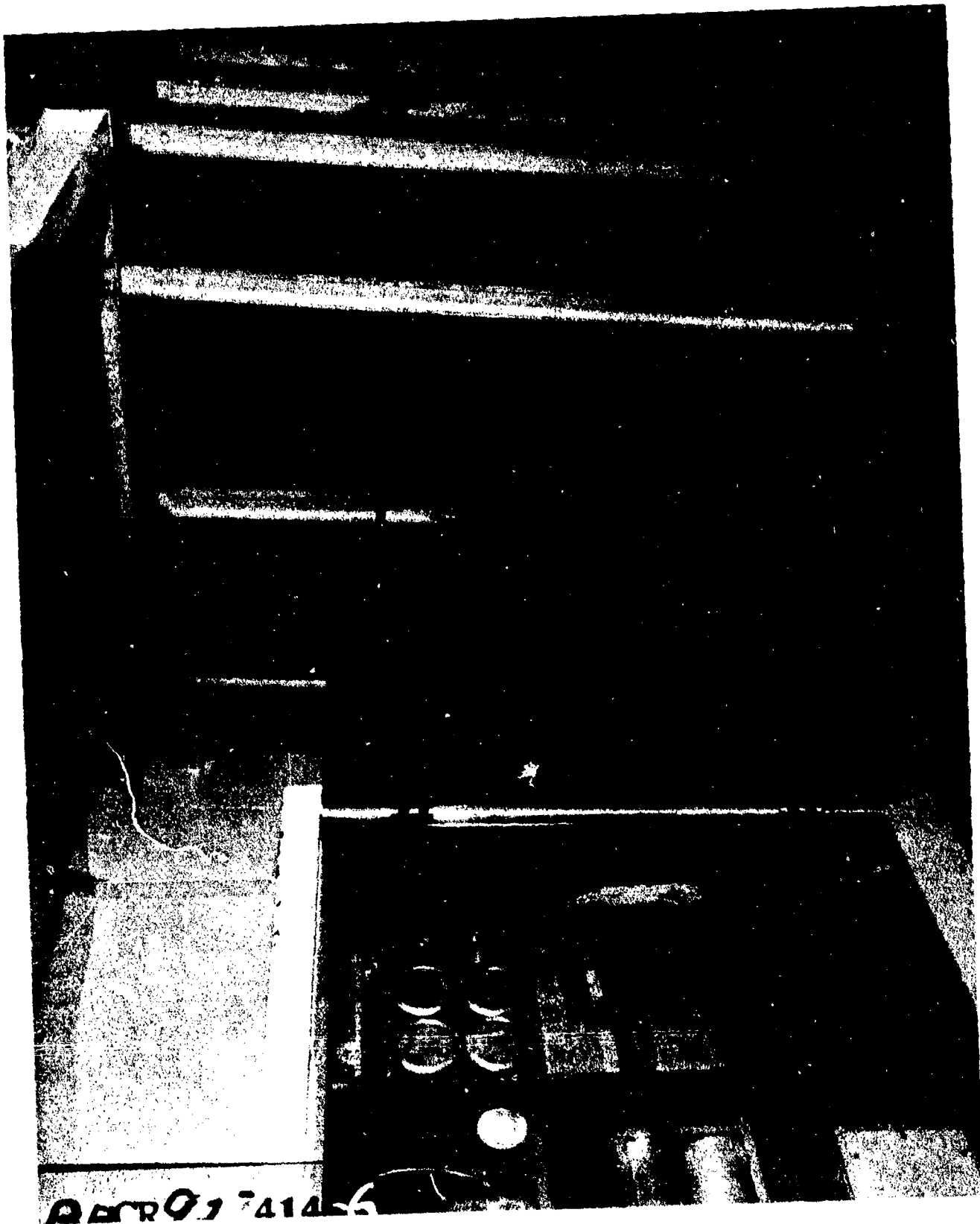
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. INDEPENDENCE (CVL-22) - Before Able  
Shows the 40 MM Magazine, A-506-M and Blast Instrument  
in position for Test "A". All ammunition is Service Ammunition.  
Photo. No. BA-Ck-92-414-5.

SECRET

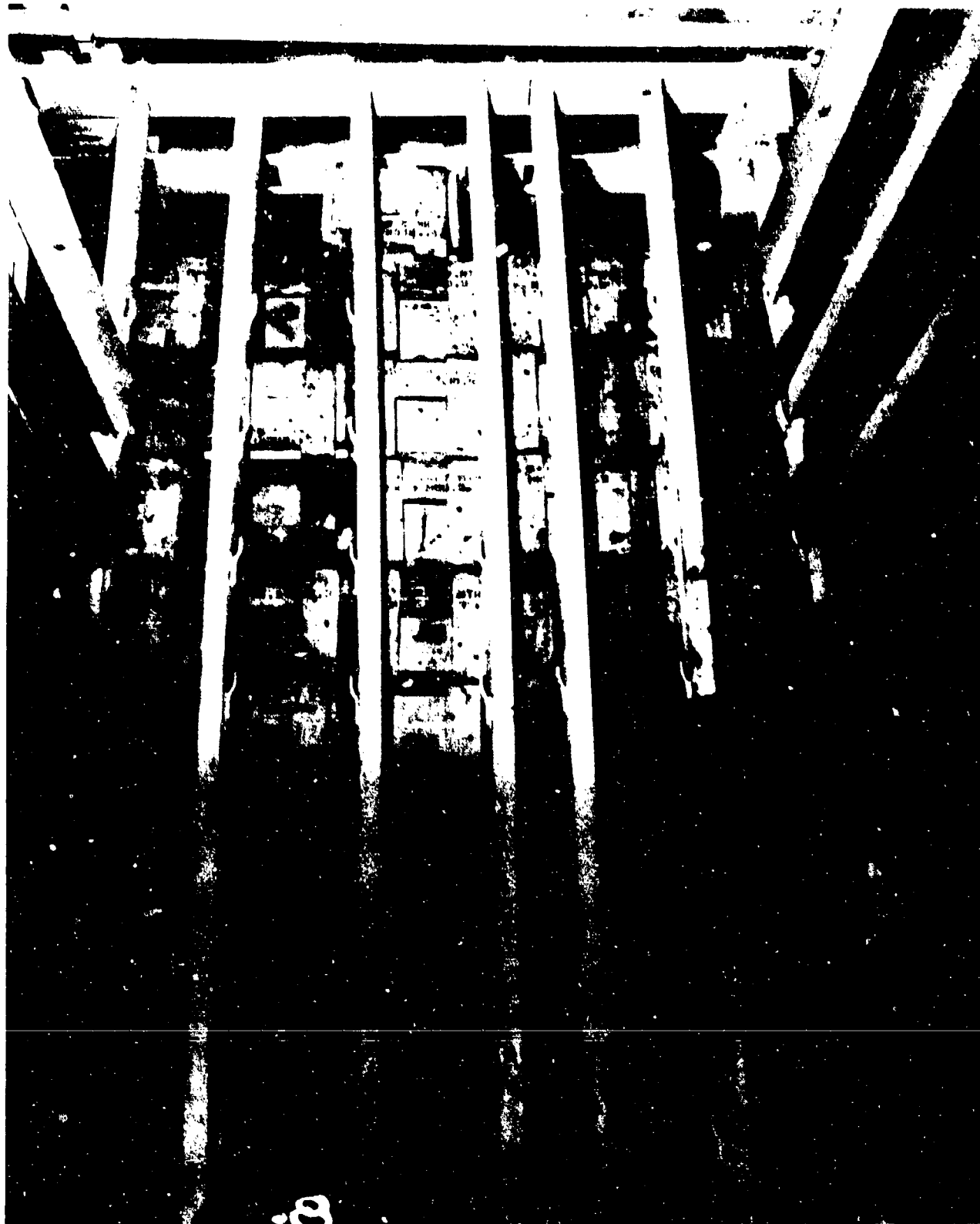
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. INDEPENDENCE (CVL-22) - Before Alde  
Shows the Bomb Fuze and Detonator Storage in Magazine,  
A-411-M prior to Test "A". Fuzes and Detonators are service.  
Photo. No. RA-CR-92-414-6.

SECRET

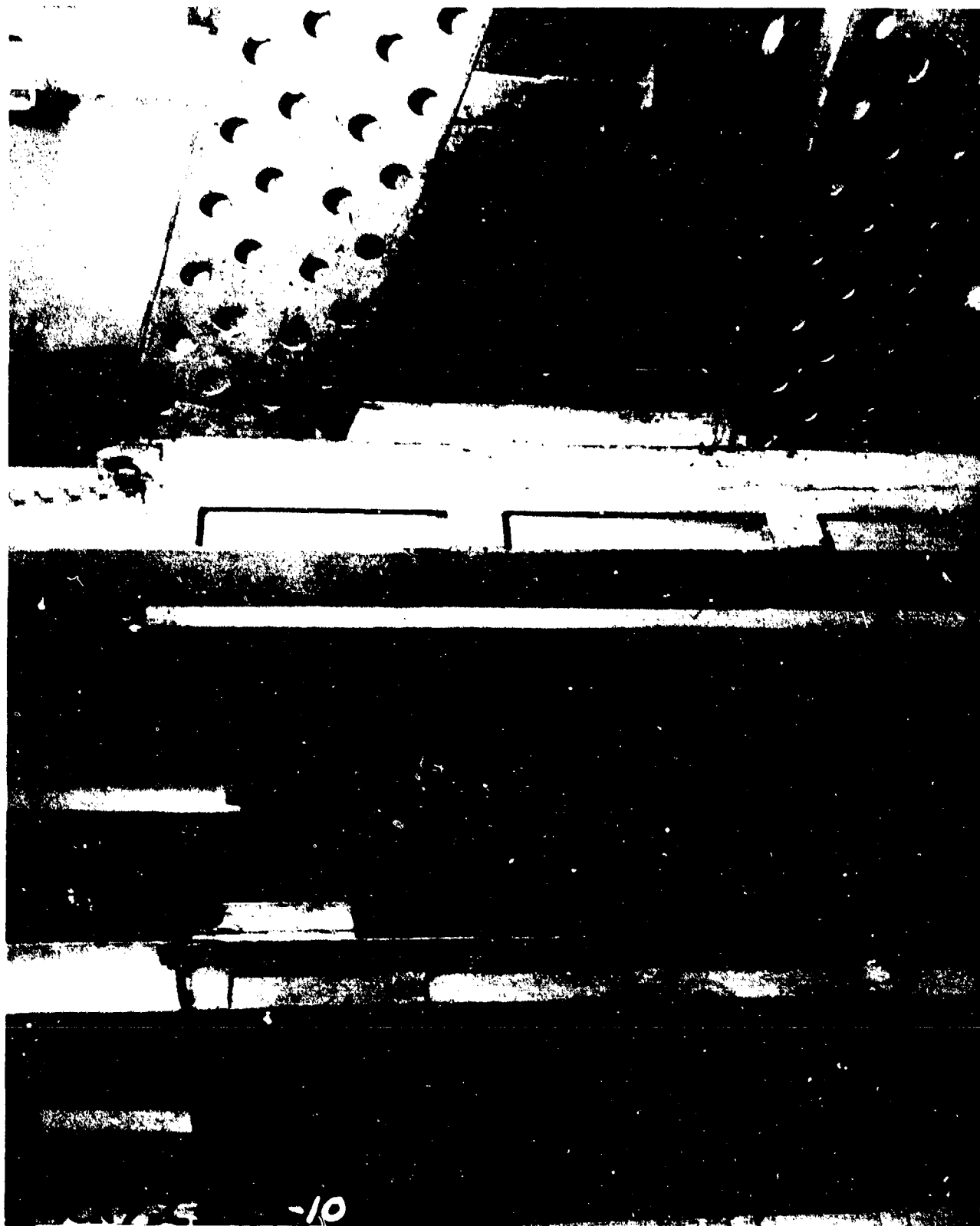
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. INDEPENDENCE (CVL-22) - Before Able  
Shows the 5" Aircraft Rocket Motor Stowage in Magazine,  
A-413-M prior to Test "A". All Rocket Motors are Service.  
Photo. No. RA-CR-92-414-8.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. INDEPENDENCE (CVI-22) - Before Able  
Shows the 260 lb Fragmentation Bomb Storage in Magazine,  
A-511-M prior to Test "A". Bombs in photo are Service Bombs.  
Photo. No. RA-CR-92-41-10.

**SECRET**

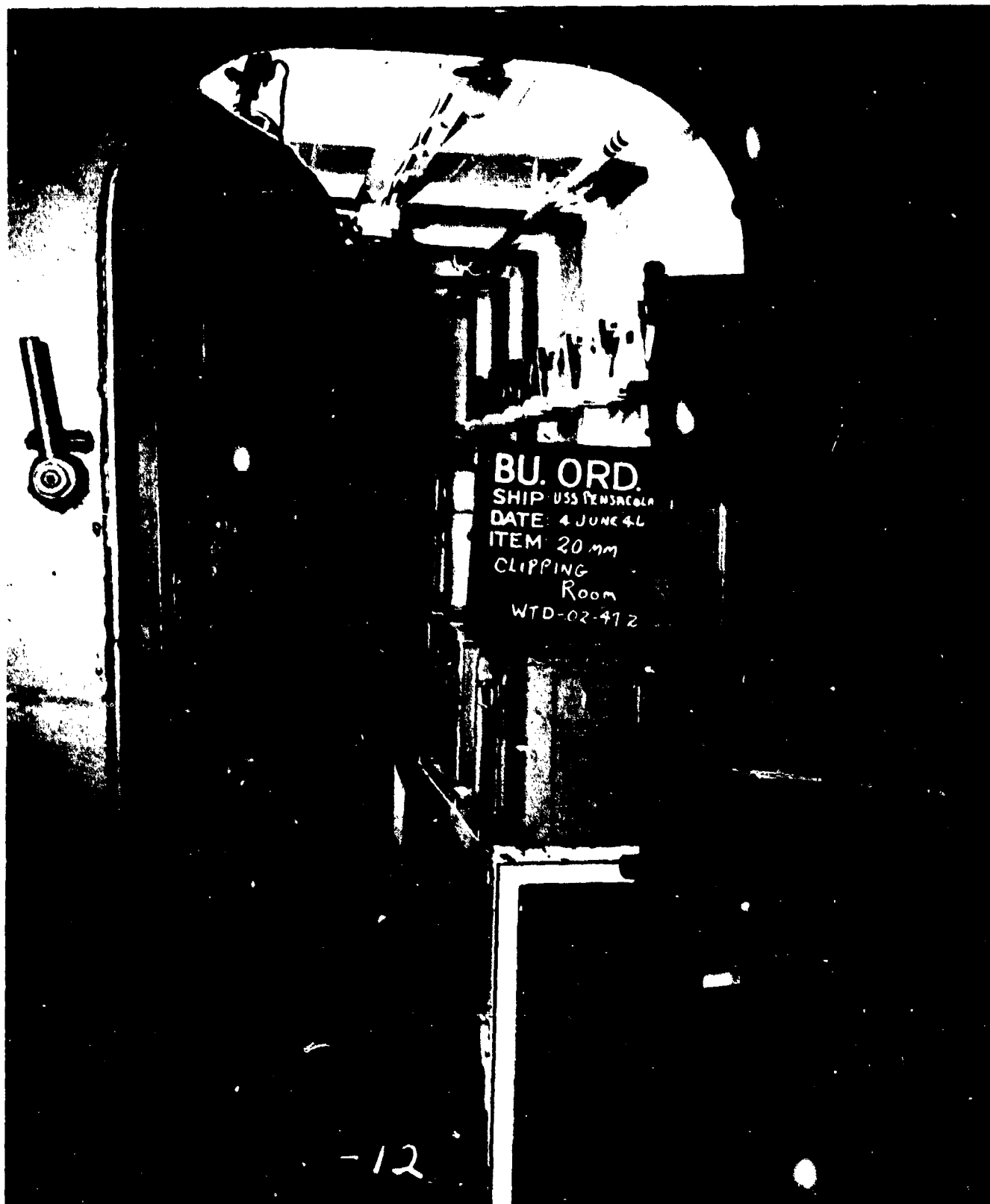
Enclosure (D) to Director Ship Material Serial 001400.



U.S.S. INDEPENDENCE (CVL-22) - Before Able  
Shows the 40 MM Clipping Room, C-0303-M, prior  
to Test "A". All ammunition is Service Ammunition.  
Photo. No. RA-CR-92-429-5.

**SECRET**

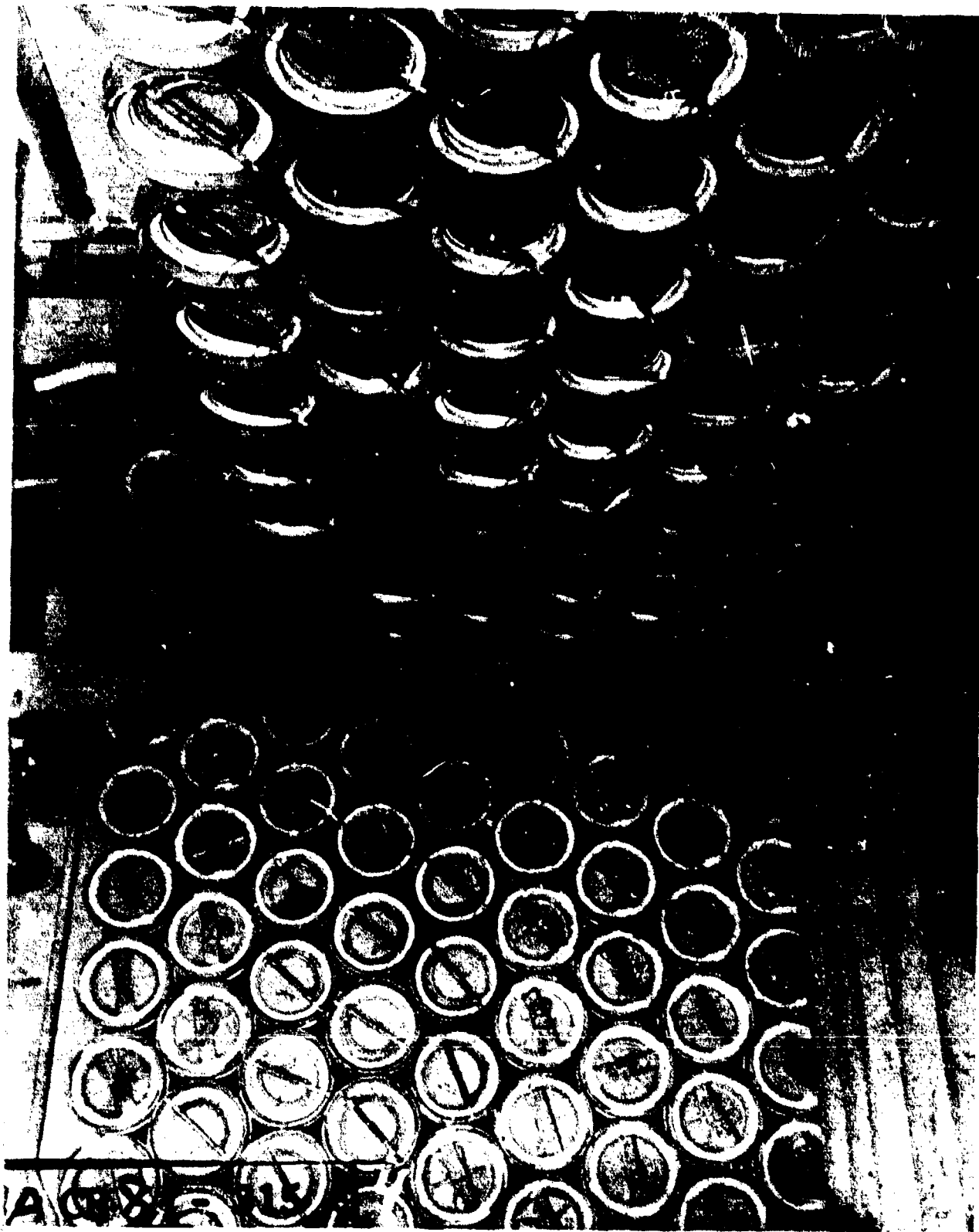
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA (CA-24) - Before Able  
Shows the 20 MM clipping room on the 02 deck level  
prior to Test "A".  
Photo. No. CA-08-15-12

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

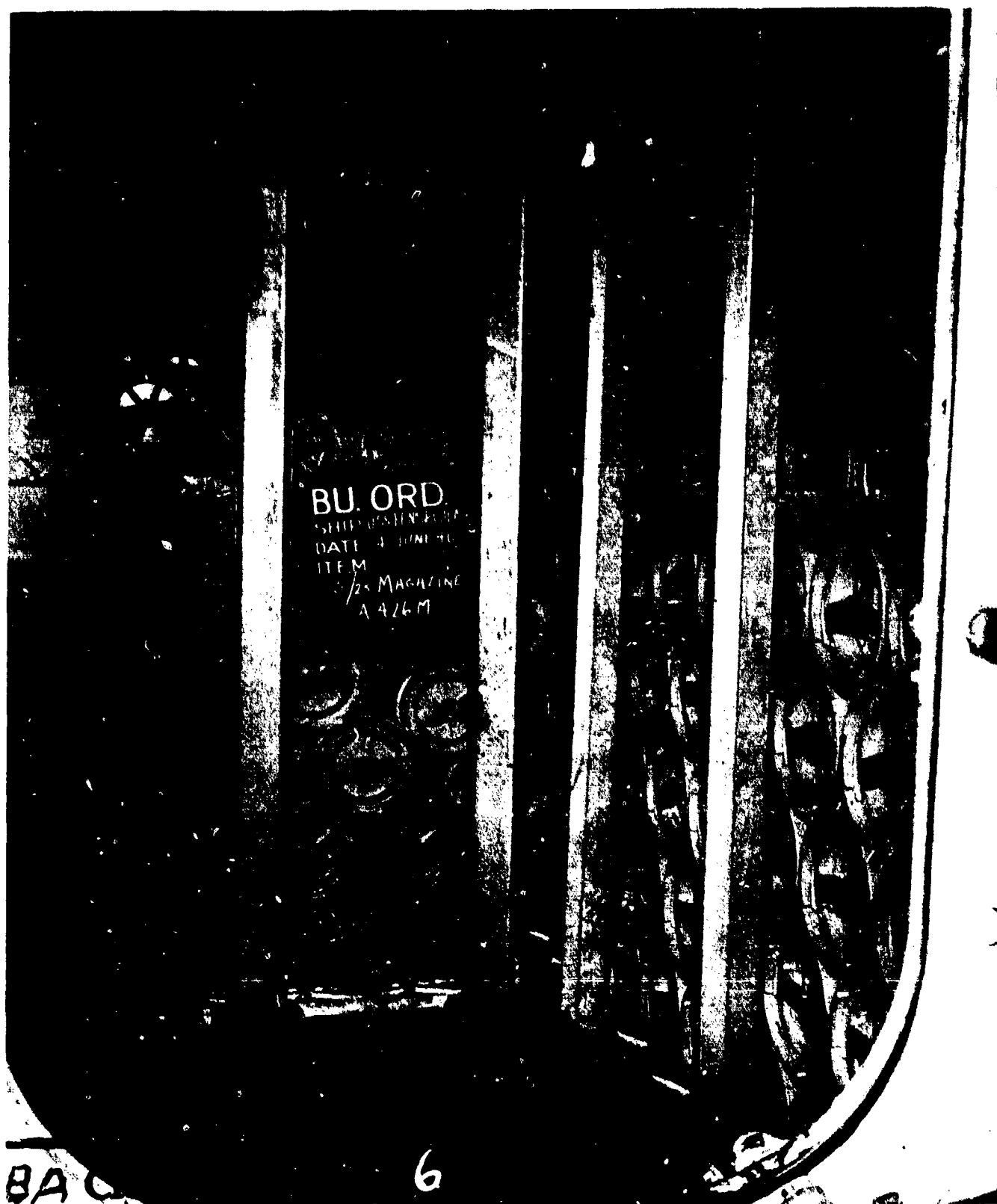


U.S.S. PENSACOLA (CA-24) - Before Able  
Shows the typical stowage of 5"/25 powder on board  
a Cruiser prior to Test "A".  
Photo. No. BA-CR-81-315-4.

RECEIVED

Presented to Director Ship Material Serial 001500.

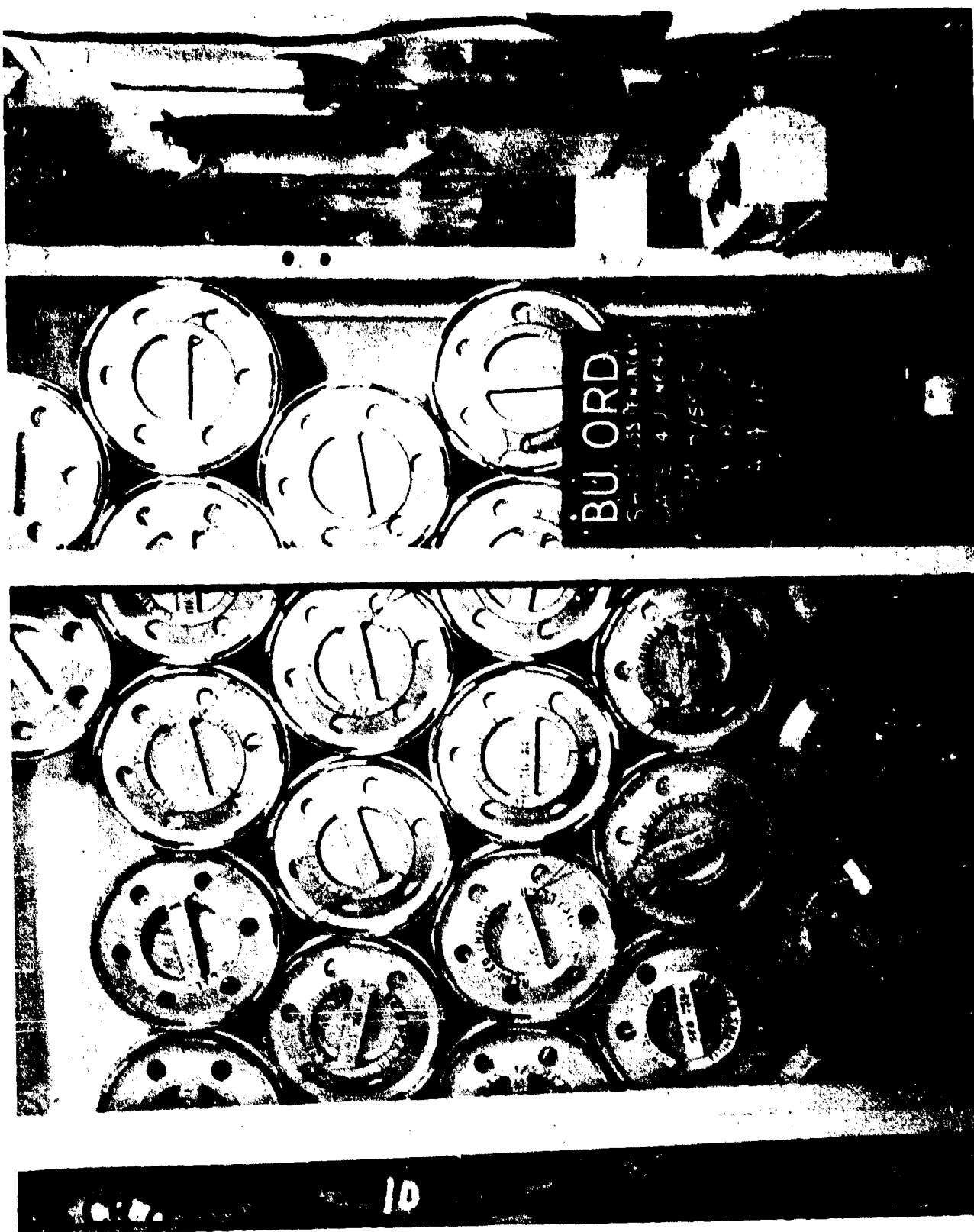




U.S.S. PENSACOLA (CA-24) - Before Able  
Shows the 5"/25 Powder Magazine, A-426-M, prior to  
Test "A".  
Photo. BA-CR-81-315-6.

S E C R E T

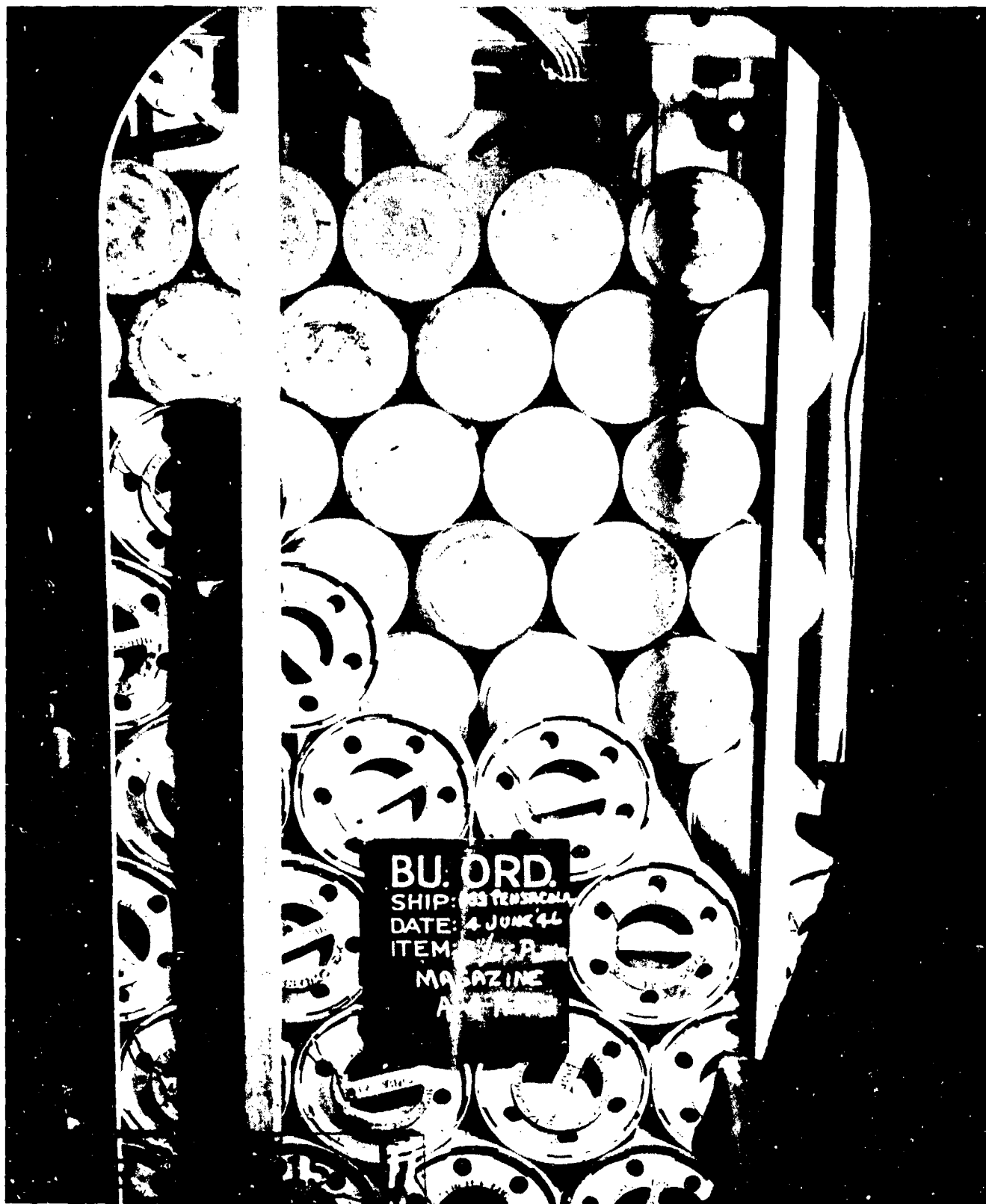
Enclosure (B) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA (CA-24) - Before Able  
Shows the 8"/55 Powder Magazine, A-411-M, prior to  
Test "A".  
Photo. No. BA-CR-81-375-10.

**SECRET**

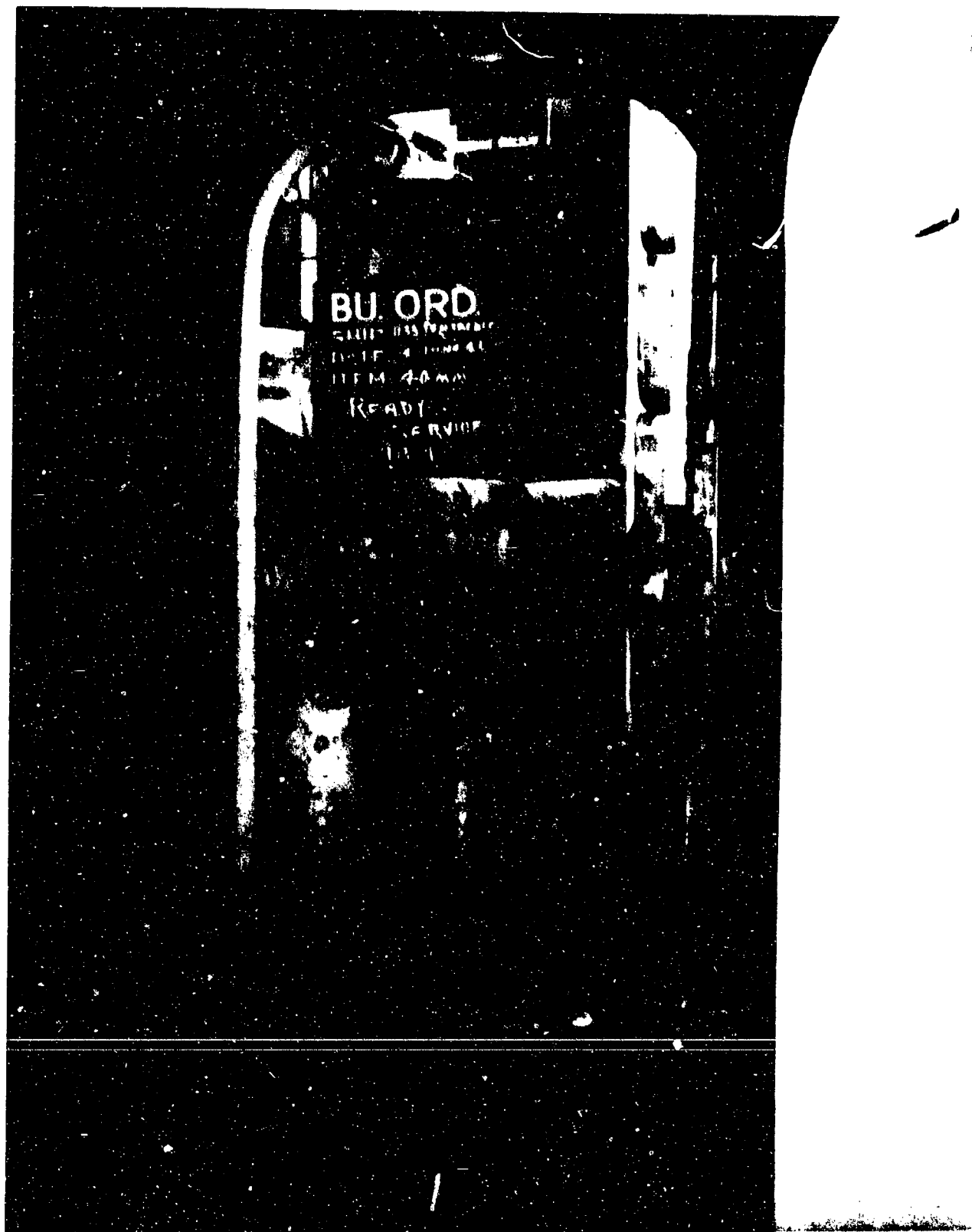
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA (CA-24) - Before Able  
Shows the 8"/55 powder magazine, A-414-M, prior  
to Test "A".  
Photo. No. BA-CR-81-315-11.

**SECRET**

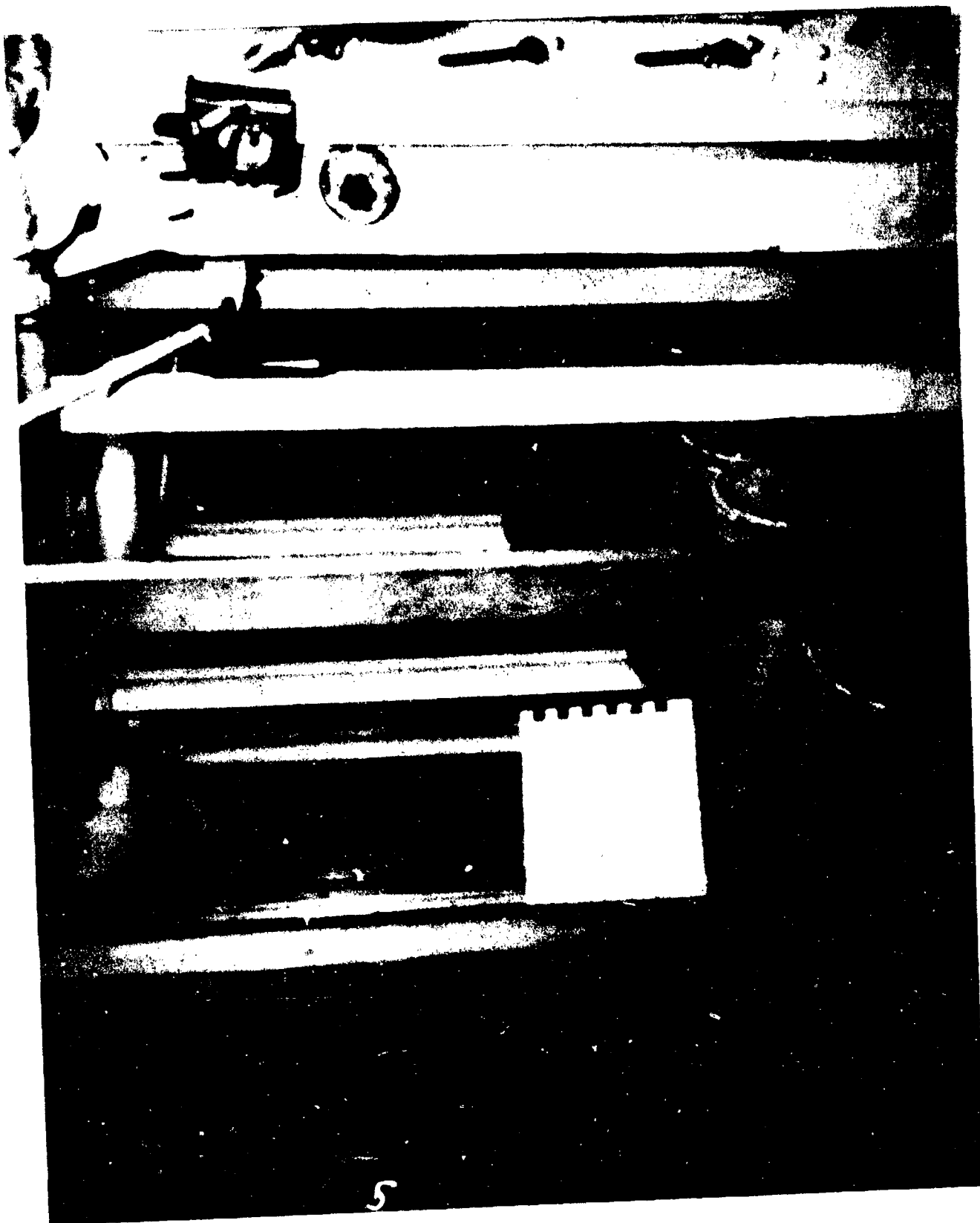
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA (CA-24) - Before Able  
Shows the 40 MM Ready Service Stowage on the main deck,  
frame 98, prior to Test "A".  
Photo. No. BA-CR-81-316-1.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA (CA-24) - Before Able  
Shows the 8"/55 Powder Magazine, forward group,  
prior to Test "A".  
Photo. No. BA-CH-92-323-5.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.

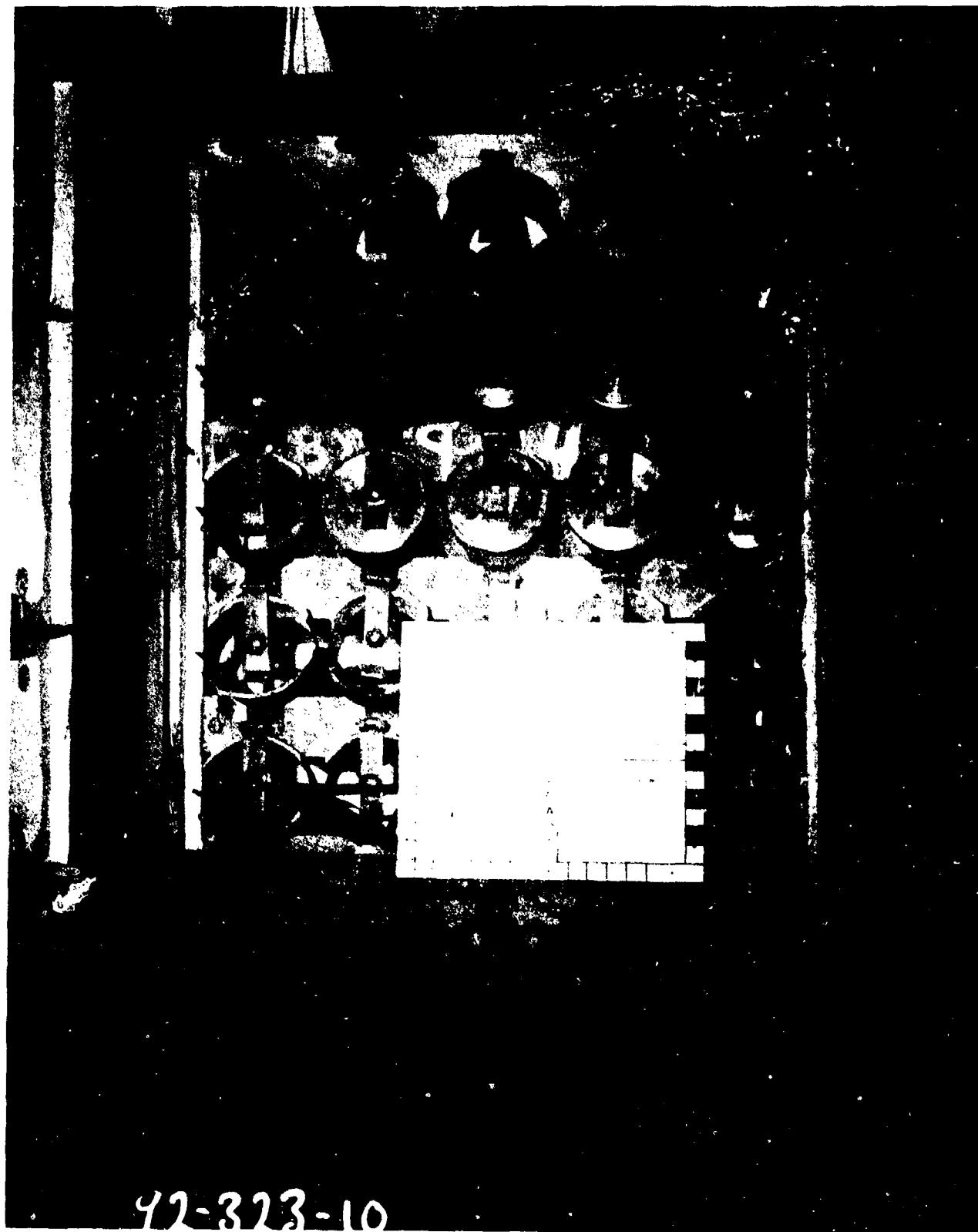


92 323-9

U.S.S. PENSACOLA (CA-24) - Before Able  
Shows the 40 MM Ammunition Stowage in Magazine,  
D-100-M, prior to Test "A".  
Photo. No. BA-CR-92-323-9.

SECRET

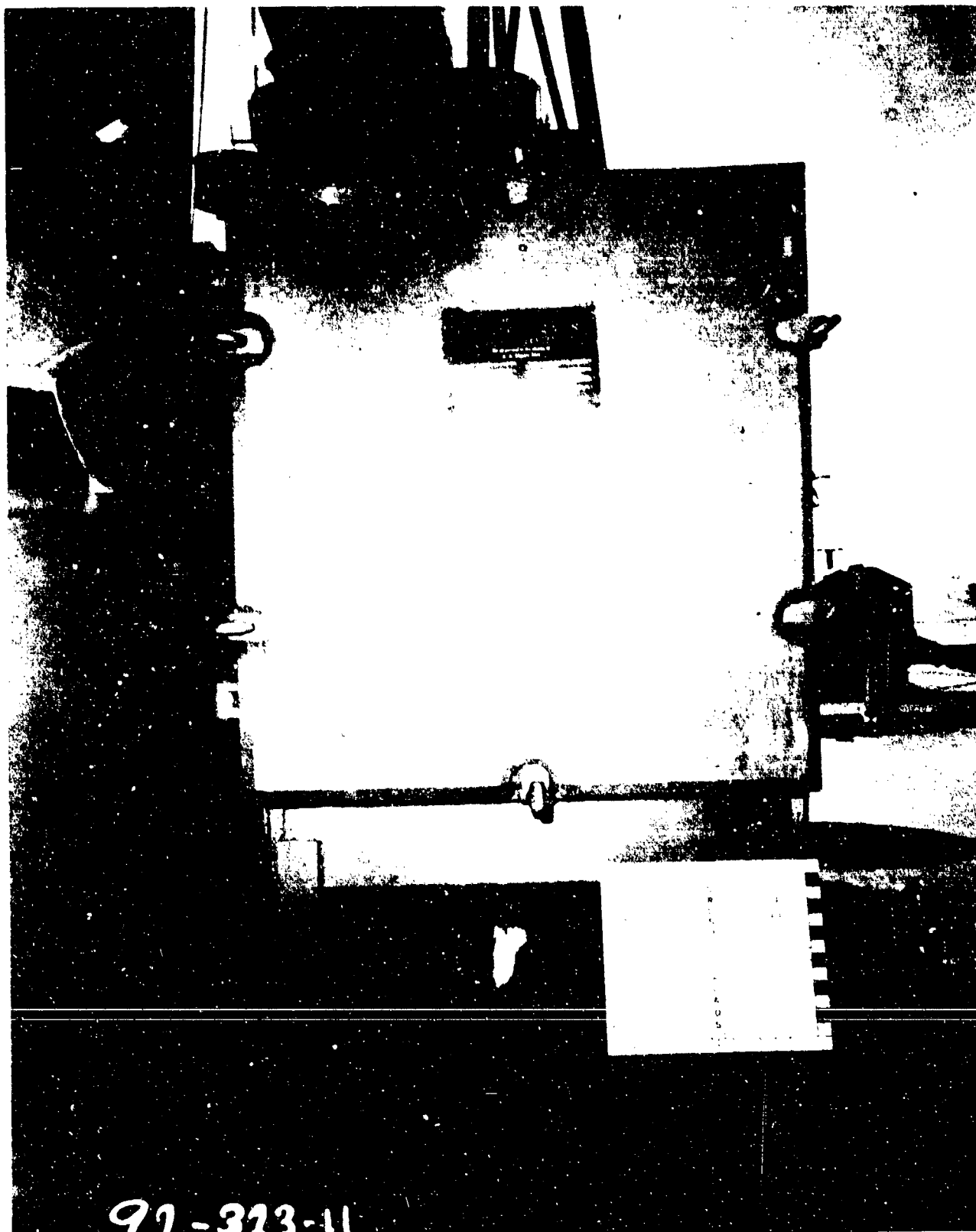
Enclosure (E) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA (CA-24) - Before Able  
Shows the 5"/25 ready service box with percentage  
of test ammunition in position for Test "A". This  
box was located aft on the AA deck.  
Photo. No. BA-CR-92-323-10.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.

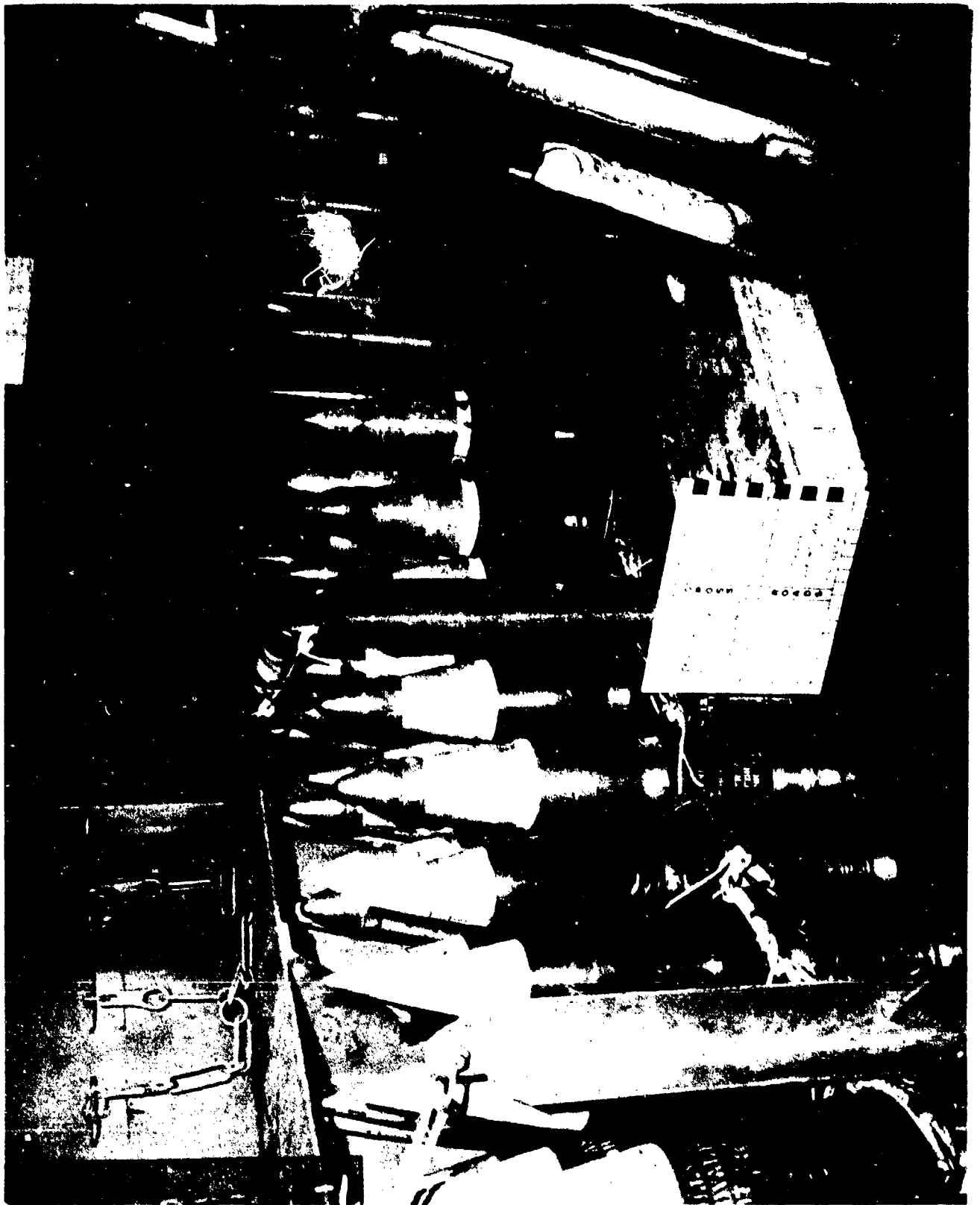


U.S.S. PENSACOLA (CA-24) - Before Able  
Shows the 5"/25 Ready Service Box in the closed  
position for Test "A".  
Photo. No., BA-CR-92-323-11.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.

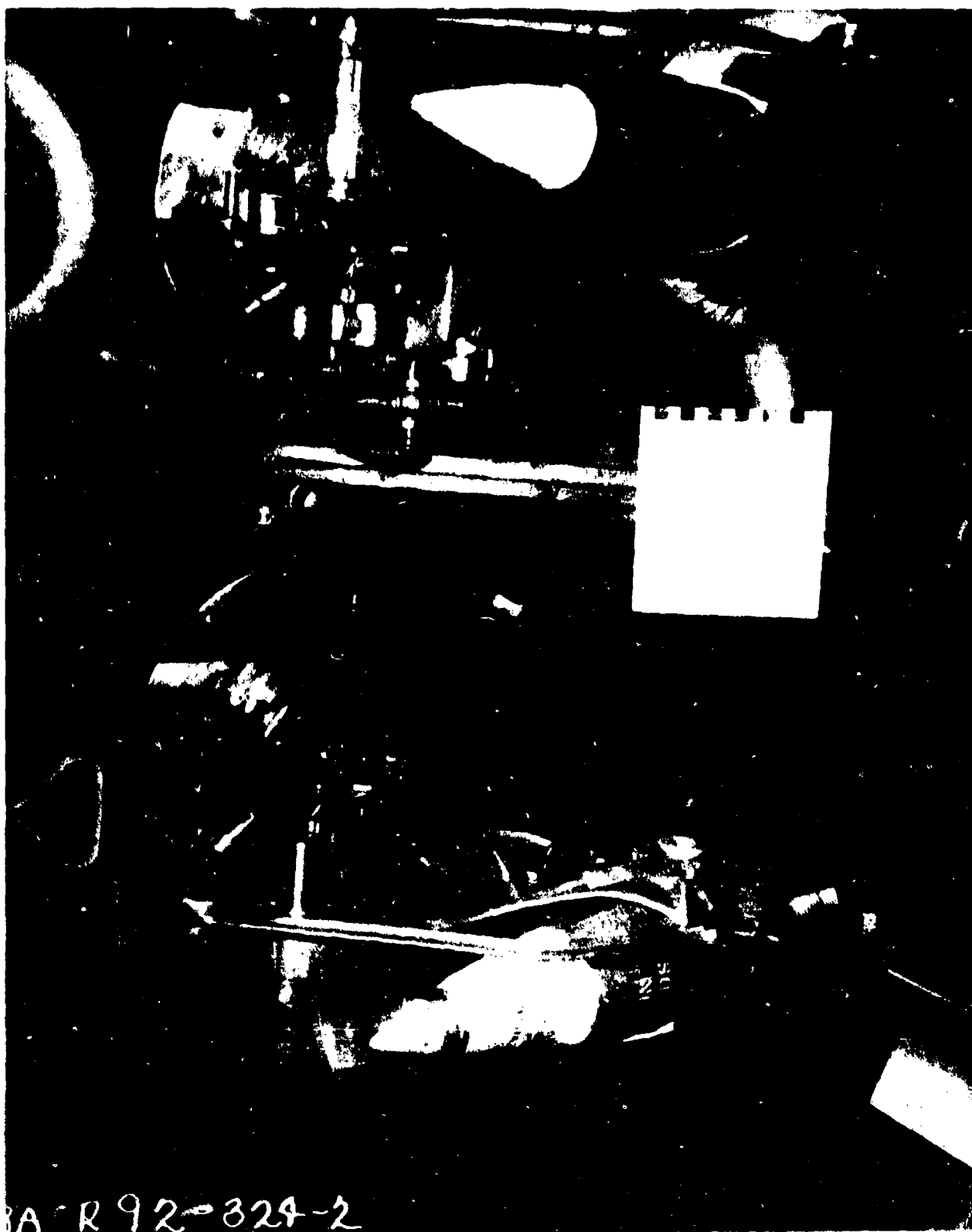




U.S.S. PENSACOLA (CA-24) - Before Able  
Shows the Shell Deck with projectiles in position  
in Turret, No. 2, prior to Test "A".  
Photo. No. BA-CR-92-324-1.

**SECRET**

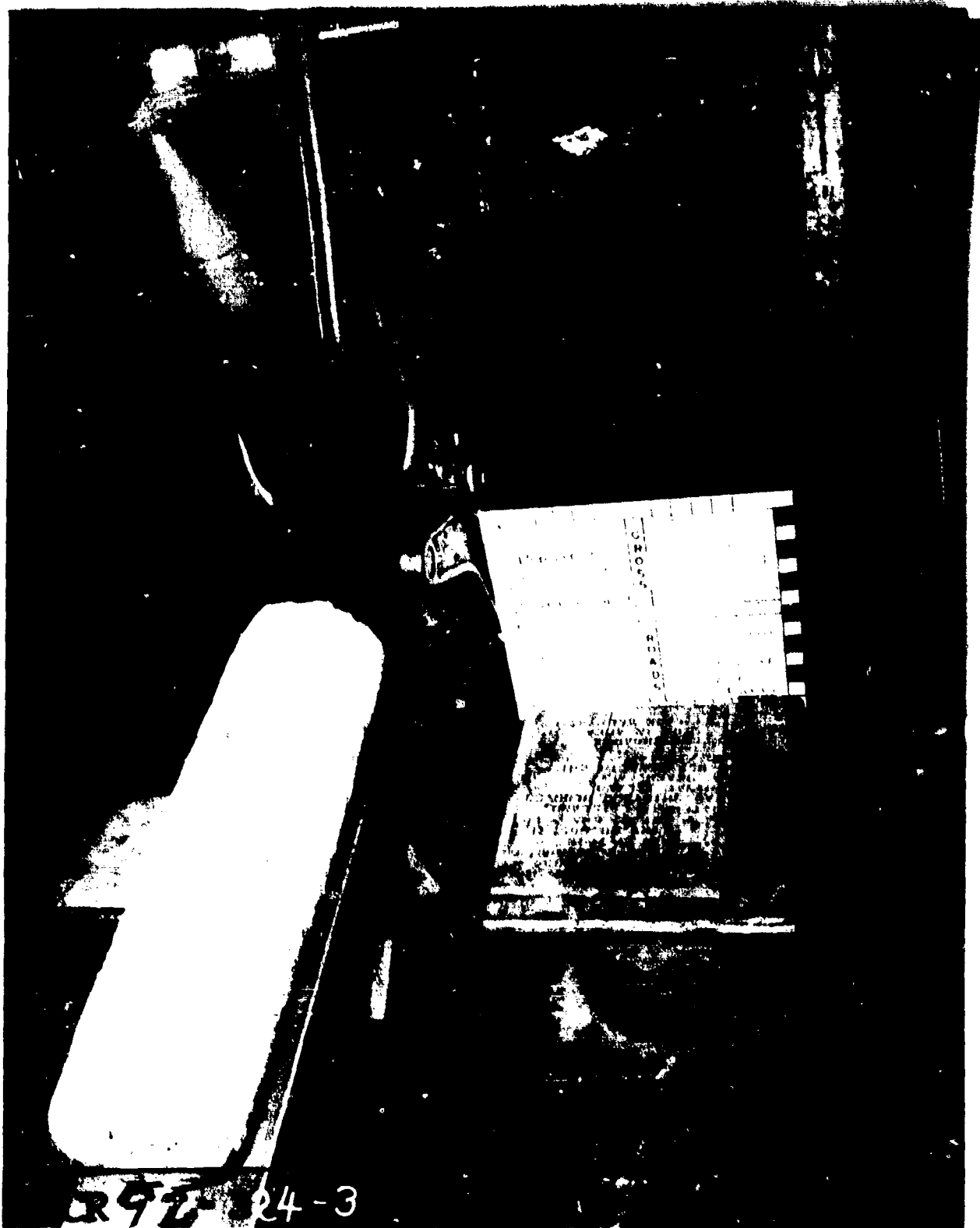
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENNACOLA (CA-24) - Before Able  
Shows the Special Test Ammunition in the loading trays of Turret, No. 3, prior to  
Test "A". The test ammunition consisted of; one high capacity loaded and plugged  
projectile, and one armor piercing loaded projectile.  
Photo. No. BA-CR-92-324-2.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA (CA-22) - Before Able  
 Shows the Special Test Ammunition (One bag of SPC-2 POWDER and one round 8"/55  
 Armor Piercing Projectile - plaster loaded and fuze with Mk. 21, base fuze) in  
 the loading tray of the port gun in Turret, No. 4, prior to Test "A".  
 Photo. No. BA-CH-92-322-3.

SECRET

Enclosure (D) to Director Ship Material Serial 00100.



U.S.S. PENSACOLA (CA-24) - After Able  
Shows the location of the fire adjacent to turret No. 4  
and its effect on the turret. Heat generated from the  
burning Quartermaster materials on display caused slight  
scorching to charring of paint on the turret. Ammunition  
inside the turret and ammunition on the gun trays was not  
affected.  
Photo. No. AA-CR-92-1778-2.

SECRET

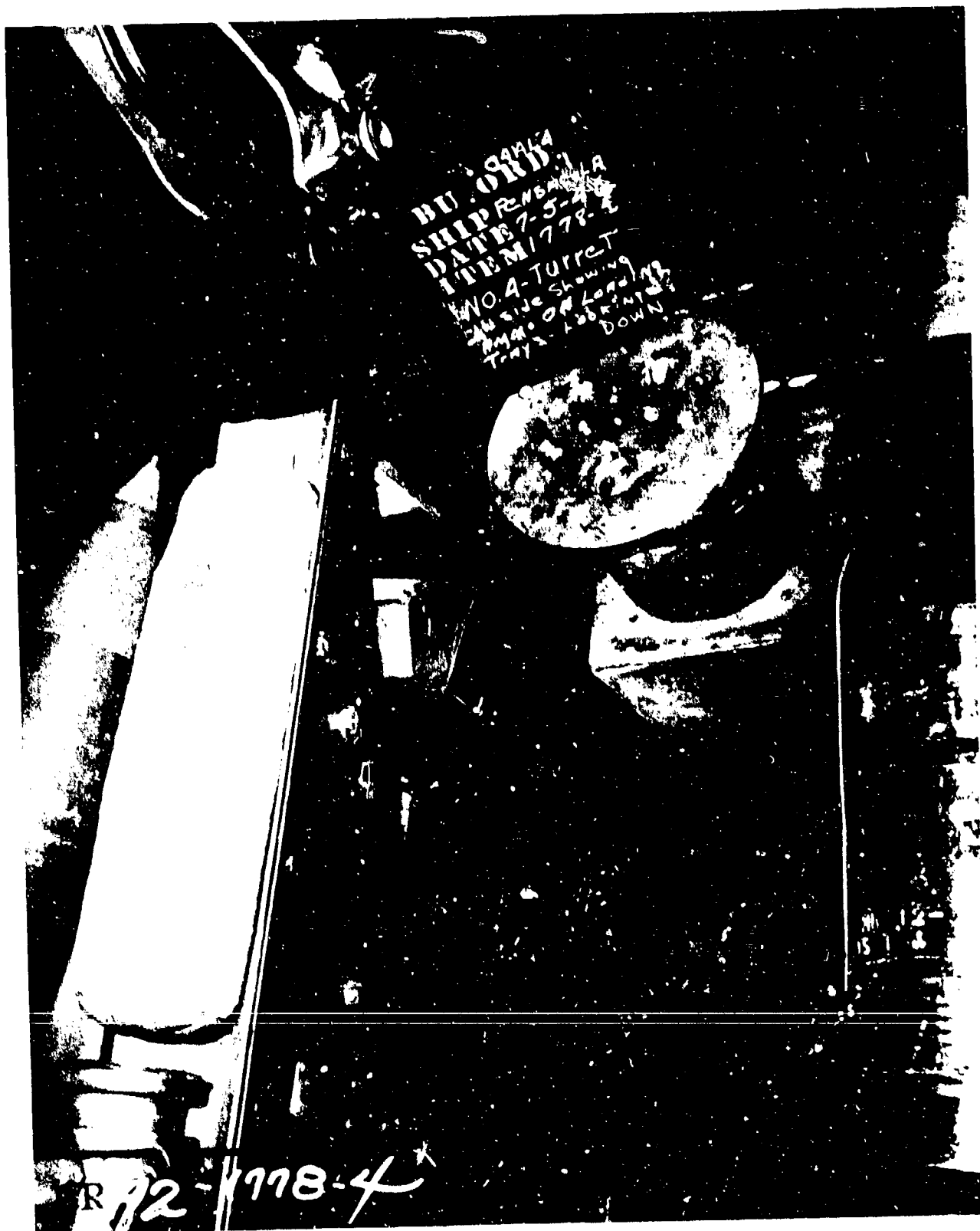
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENNACCA (CA-24) - After 2100  
Shows the location of the film subject to turret.  
The turret is located on the starboard side of the ship.  
The turret is located on the starboard side of the ship.  
display of the turret. The turret is located on the starboard side of the ship.  
on the turret. The turret is located on the starboard side of the ship.  
ammunition on the turret. The turret is located on the starboard side of the ship.  
Photo. no. AA-02-92-1778-3.

**SECRET**

Enclosure (D) to Director Ship Landing Control.



U.S.S. PENSACOLA (CA-24) - After Able  
Shows the Special Test Ammunition in the  
loading trays of Turret No. 4. The  
ammunition was not harmed in any respect.  
Photo. No. AA-OR-92-1778-4.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001-0.



AA 92-1778-

U.S.S. PENACOLA (CA-24) - After Able  
Shows the effect of blast to the 20 MM  
loaded magazines in the 20 MM Ready Service  
Room. A feasible securing device should be  
incorporated in the present design to prevent  
the magazines from bouncing out when subjected  
to excessive upward motion.  
Photo. No. AA-OR-92-1778-5.

**SECRET**

Enclosure (D) to Director Ship Material Serial 00100.

Page 89 of 249 pages. Volume III.

7 [ 0030-40 0000 ]

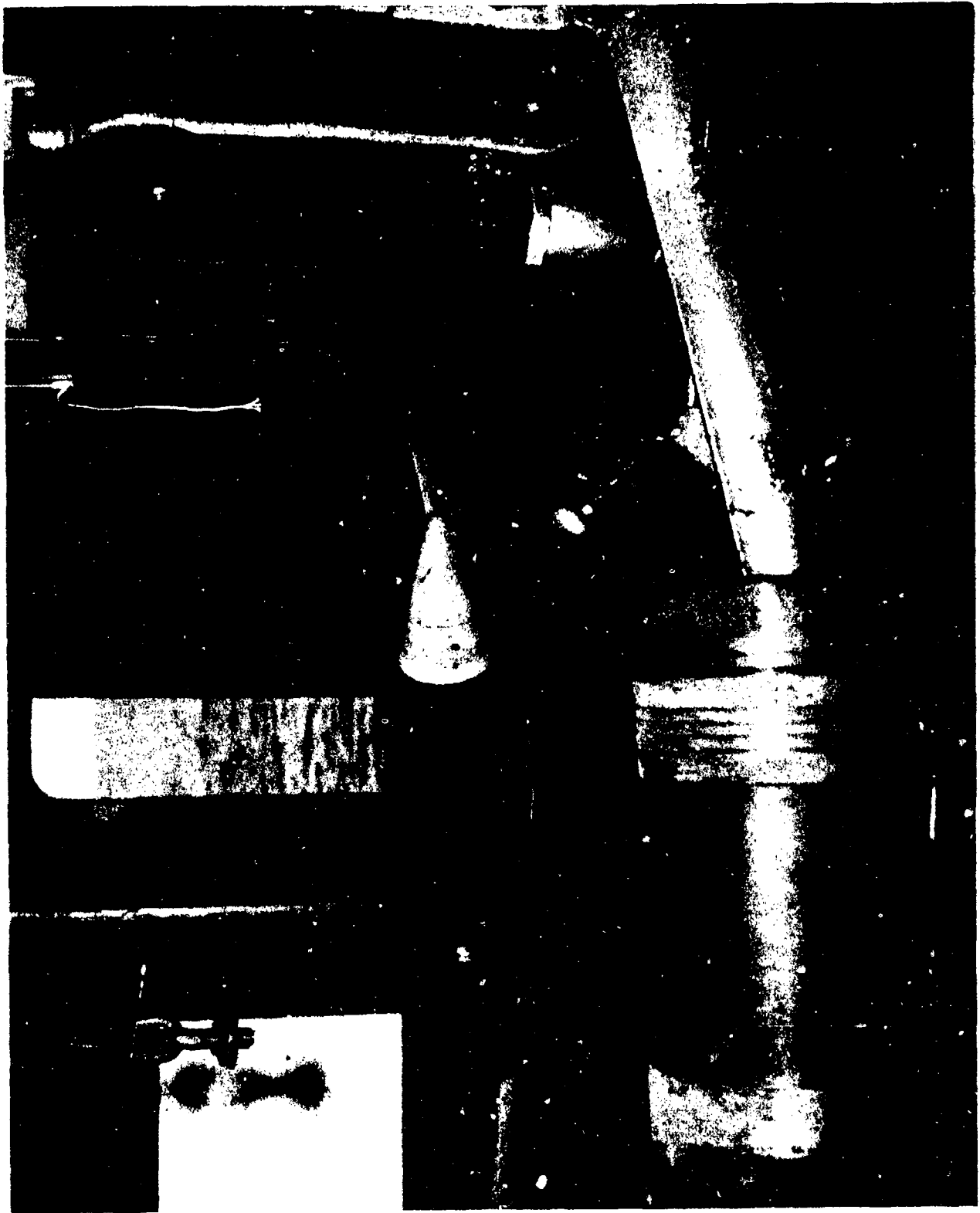


U.S.S. FIRMAGORA (CA-24) - After Able  
Shows the extent of damage and intensity of heat as a  
result of the Atom Bomb Flash. It is worthy to note that  
the paint inside the 5"/25 Ammunition Ready Service Locker  
was not harmed nor did the maximum and minimum register  
any abnormal temperatures. The ammunition suffered no  
damage.  
Photo. No. AA-CR-87-2539-7.

SECRET

enclosure (b) to Director Ship Material Serial 001500.





U.S.S. PENSAACIA (CA-22) - After Baker  
shows the displacement of the 8"/55 Armor  
Piercing Projectile caused by shock. The  
projectile was not damaged.  
Photo. No. Ab-OK-20-1618-12.

**S E C R E T**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA (CA-24) - After Baker  
Shows the effect of shock to 8"/55 Powder  
Stowage. The failure of battens and stanchions  
was marked.  
Photo. No. AB-CR-80-1675-4.

SECRET

Enclosure (U) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA (CA-24) - After Baker  
Shows the effect of shock to the 40 MM  
Ammunition Storage. The failure of  
ladders and stanchions was marked.  
Photo. No. AB-CR-80-1676-1.

**SECRET**

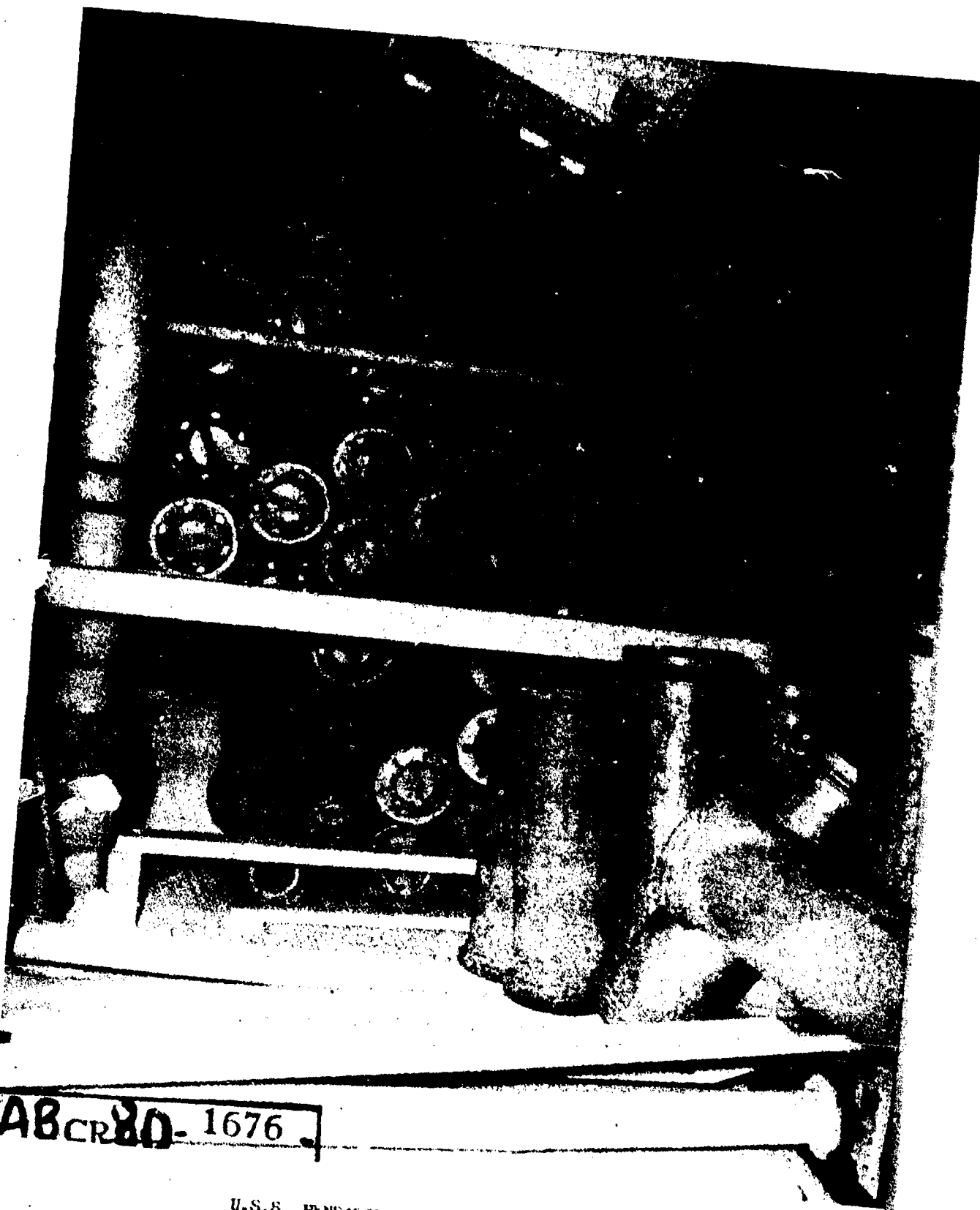
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA (CA-24) - After Baker  
Shows the effect of shock to the 5"/25  
Ammunition Stowage. The failure of battens  
and stanchions was marked.  
Photo. No. AB-CR-80-1676-2.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



AB CR 80-1676

U.S.S. PENSACOLA (CA-24) - After Baker  
Shows the effect of shock to the 8"/55  
powder storage and the extent of ammunition  
displacement. The failure of battens and  
stanchions was marked.  
Photo. No. AB-CR-80-1676-3.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA (CA-24) - After Baker  
Shows the effect of shock to the 40 mm  
Ammunition Stowage. The failure of battens  
and stanchions was marked.  
Photo. No. AB-CR-80-1676-5.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PRABACCA (CA-24) - After being  
shows the displacement of 8"/55 projectiles in the  
Shell Lock Stowage. This displacement was a result of  
the vessel being subjected to severe shock. The distortion  
of the deck structure at the shell deck level can be seen.  
A distance of 6" was measured between the rotating structure  
and the fixed structure.  
Photo. No. ABCR-80-1677-12.

ENCLOSURE

Enclosure (10) to Director Ship Material Serial Office.



U.S.S. PENSACOLA (CA-24) - After Baker  
Shows the displacement of 8"/55 projectiles in the  
Shell Deck Storage. This displacement was a result of  
the vessel being subjected to severe shock. The distortion  
of the deck structure at the shell deck level can be seen  
a distance of 6" was measured between the rotating structure  
and the fixed structure.  
Photo. No. AB-OK-80-1678-1.

SECRET

Enclosure (1) to Director Ship Material Serial 001500.





AE CR 80-1678 -

U.S.S. PENSACOLA (CA-24) - After haker  
Shows the displacement of 8"/55 projectiles in the  
Shell Deck Stowage. This displacement was a result  
of vessel being subjected to severe shock.  
Photo. No. AE-CR-80-1678-7.

SECRET

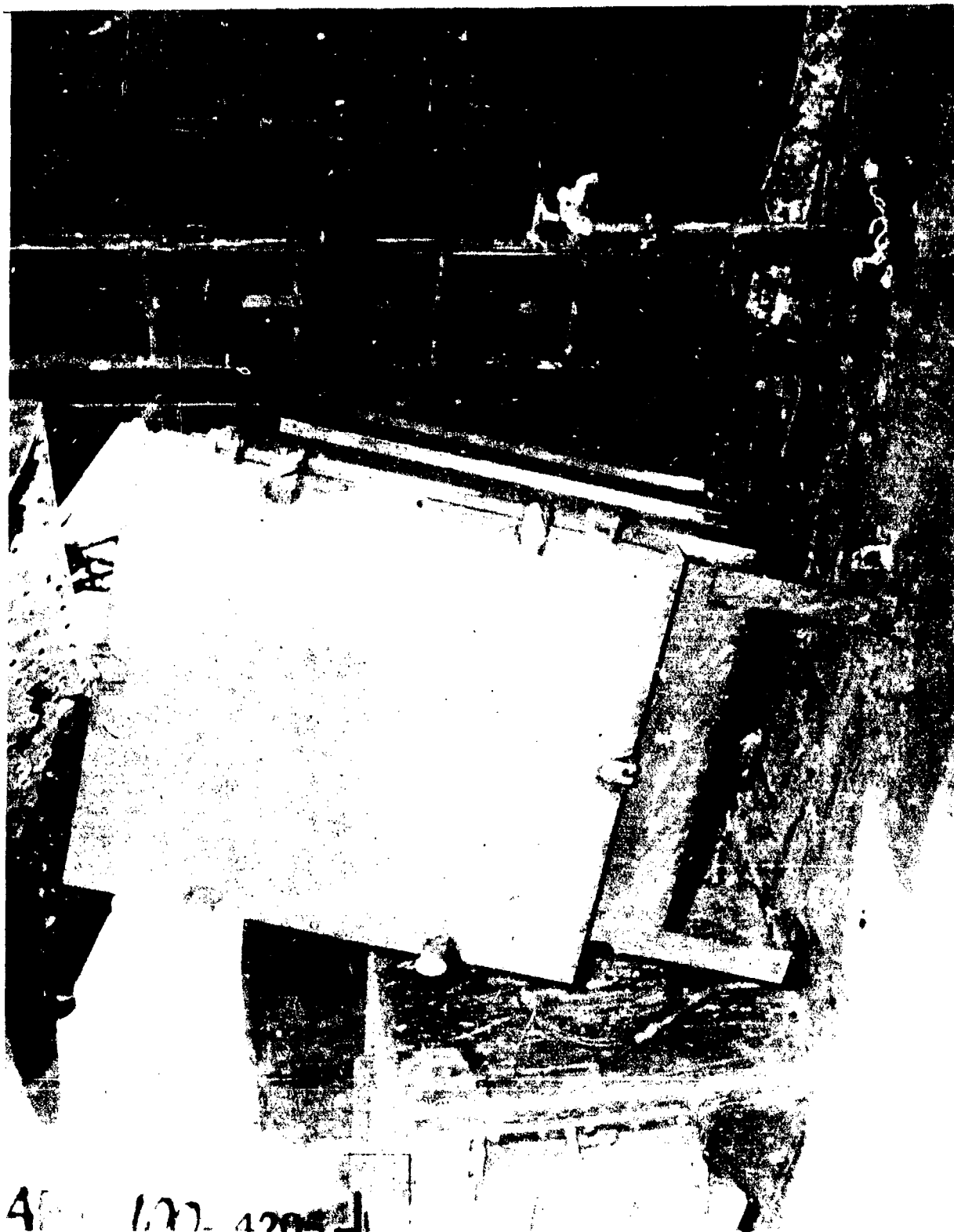
Enclosure (D) to Director Shi; Material Serial 001500.



U.S.S. PENNSACOLA (CA-24) - After Baker  
Shows the misalignment of the deck and the  
displacement of the 8"/55 projectile. The  
displacement was a result of the vessel being  
subjected to severe shock.  
Photo. No. Ab-CR-80-167P-6.

SECRET

Enclosure (1) to Director : Ship Material Serial 001500.



U.S.S. PENSACOLA (CA-24) - After War  
Shows the displacement of the 5" 25 ready  
service box caused by blast from the Atom Bomb.  
Photo. No. AB-CR-100-4206-1.

SECRET

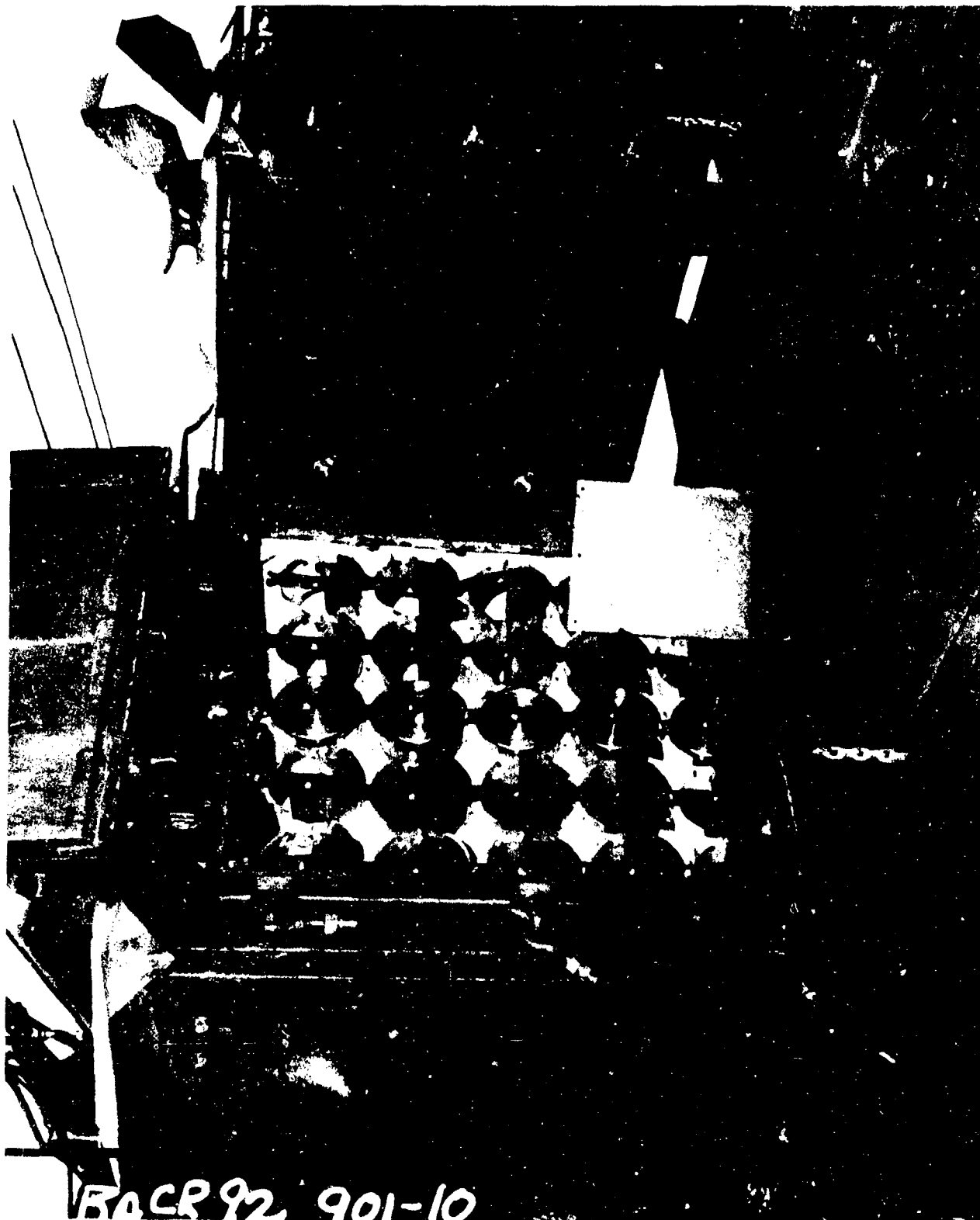
Enclosure (D) to Director Ship Material Serial D 1506.



U.S.S. PENSACOLA (CA-24) - After Baker  
Shows the effect of shock to the 40 MM  
Ammunition Stowage. The failure of battens  
and stanchions was marked.  
Photo. No. AH-CR-100-4205-3.

SECRET

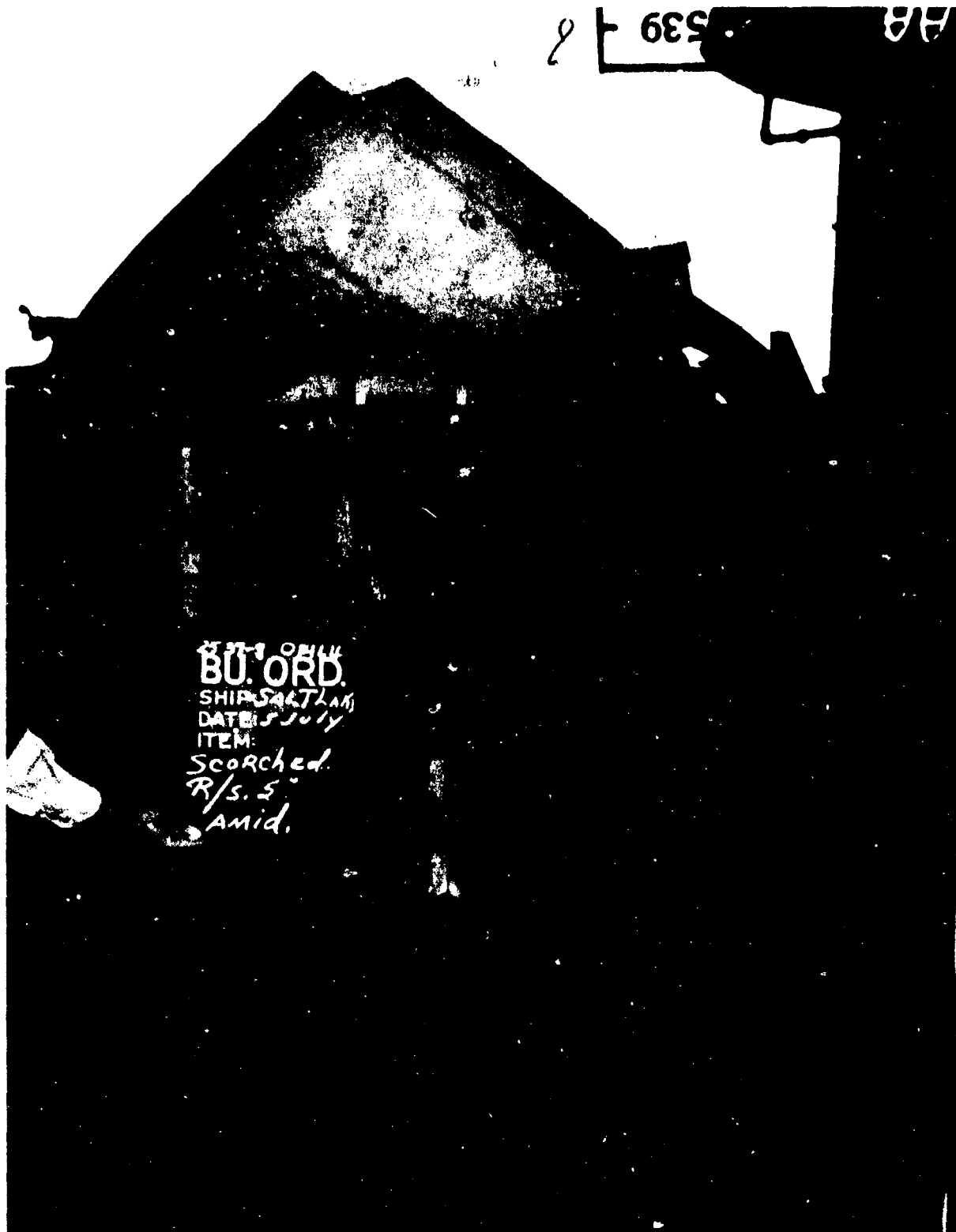
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SALT LAKE CITY (CA-25) - before Able  
Shows the 5"/25 Ammunition Stowage in the Ready Service  
Box prior to Test "A".  
Photo. No. BA-CR-92-901-10.

**SECRET**

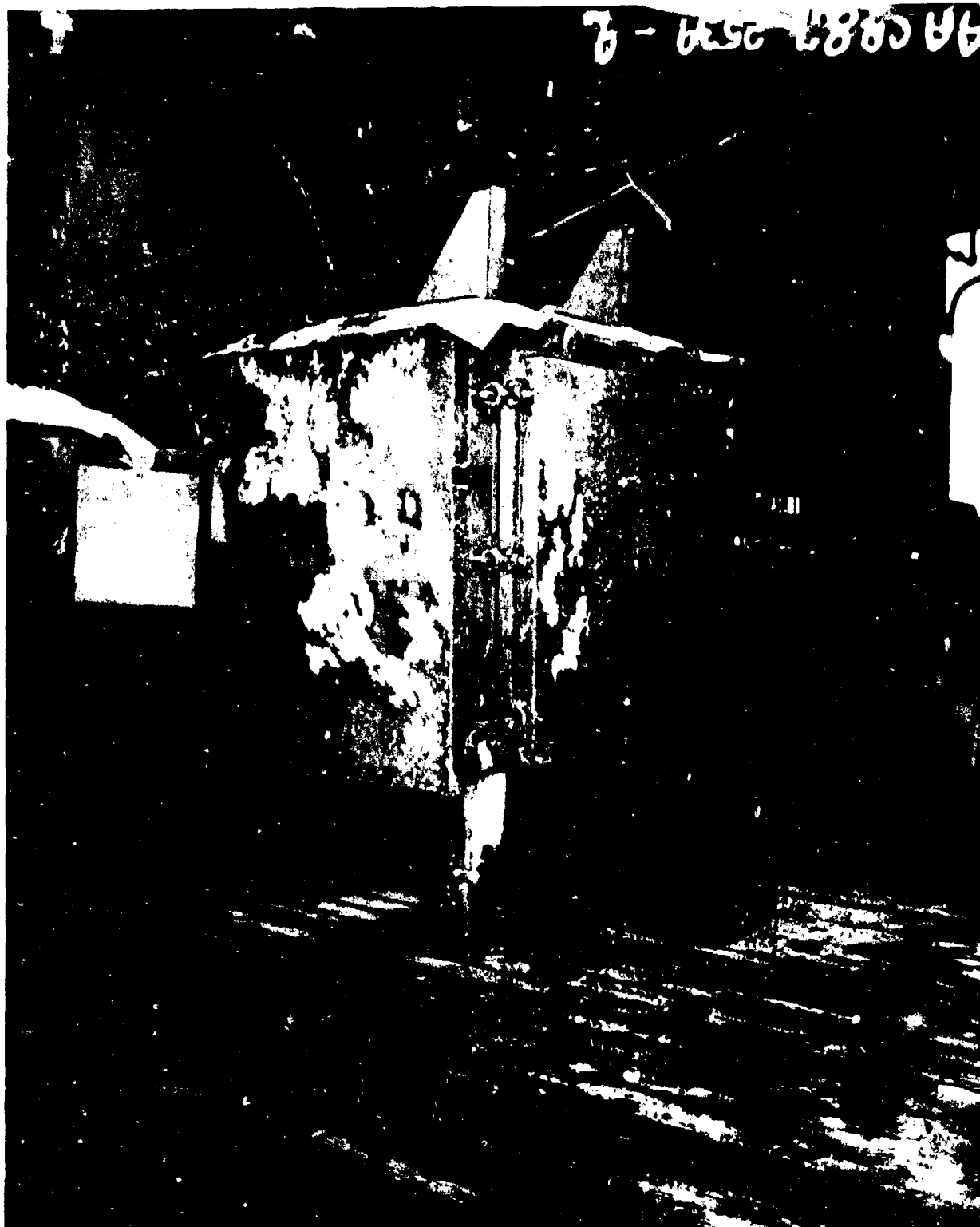
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SALT LAKE CITY (CA-25) - After Able  
Shows the extent of damage and intensity of heat as a result of the Atom Bomb Flash.  
It is worthy to note that the paint inside the 5"/25 Ammunition Ready Service Locker  
was not harmed nor did the Maximum and Minimum Thermometer register any abnormal  
temperatures. The ammunition suffered no damage.  
Photo. No. AA-CR-87-2539-8.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SALT LAKE CITY (CA-25) - After Able  
Shows the extent of damage and intensity of heat as a result of the Atom Bomb Flash.  
It is worthy to note that the paint inside the 5"/25 Ammunition Ready Service locker  
was not harmed nor did the Maximum and Minimum Thermometer register any abnormal  
temperatures. The ammunition suffered no damage.  
Photo. No. AA-CR-87-2539-9.

**S E C R E T**

Enclosure (D) to Director Ship Material Serial 001500.



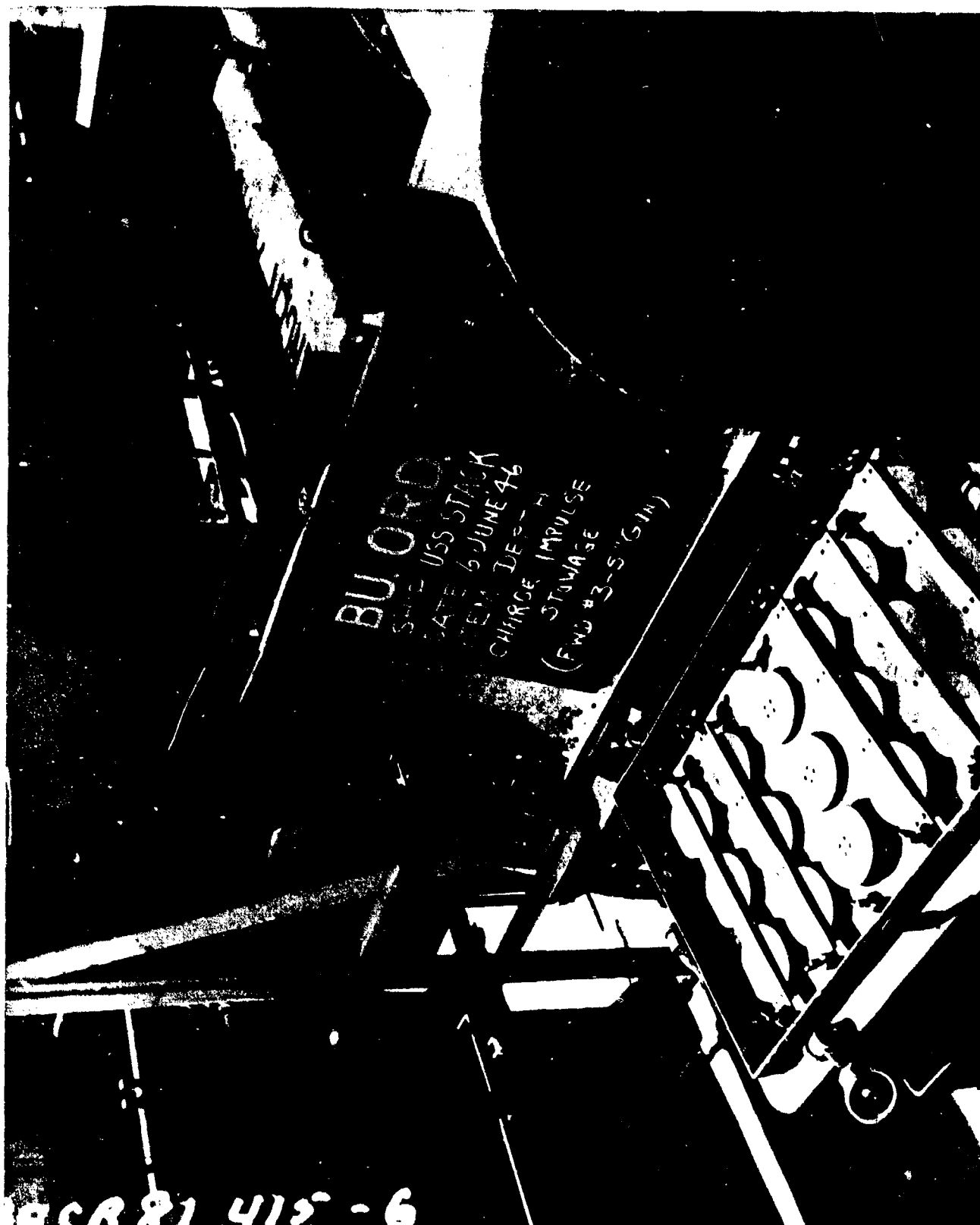




U.S.S. STACK (LD-406) - Before Able  
Shows the depth charge marker stowage  
prior to Test "A".  
Photo. No. BA-CH-81-415-5.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. STACK (DL-406) - Before Attle  
Shows the Depth Charge Impulse Stowage.  
Photo. No. BA-CR-81-415-6.

SECRET

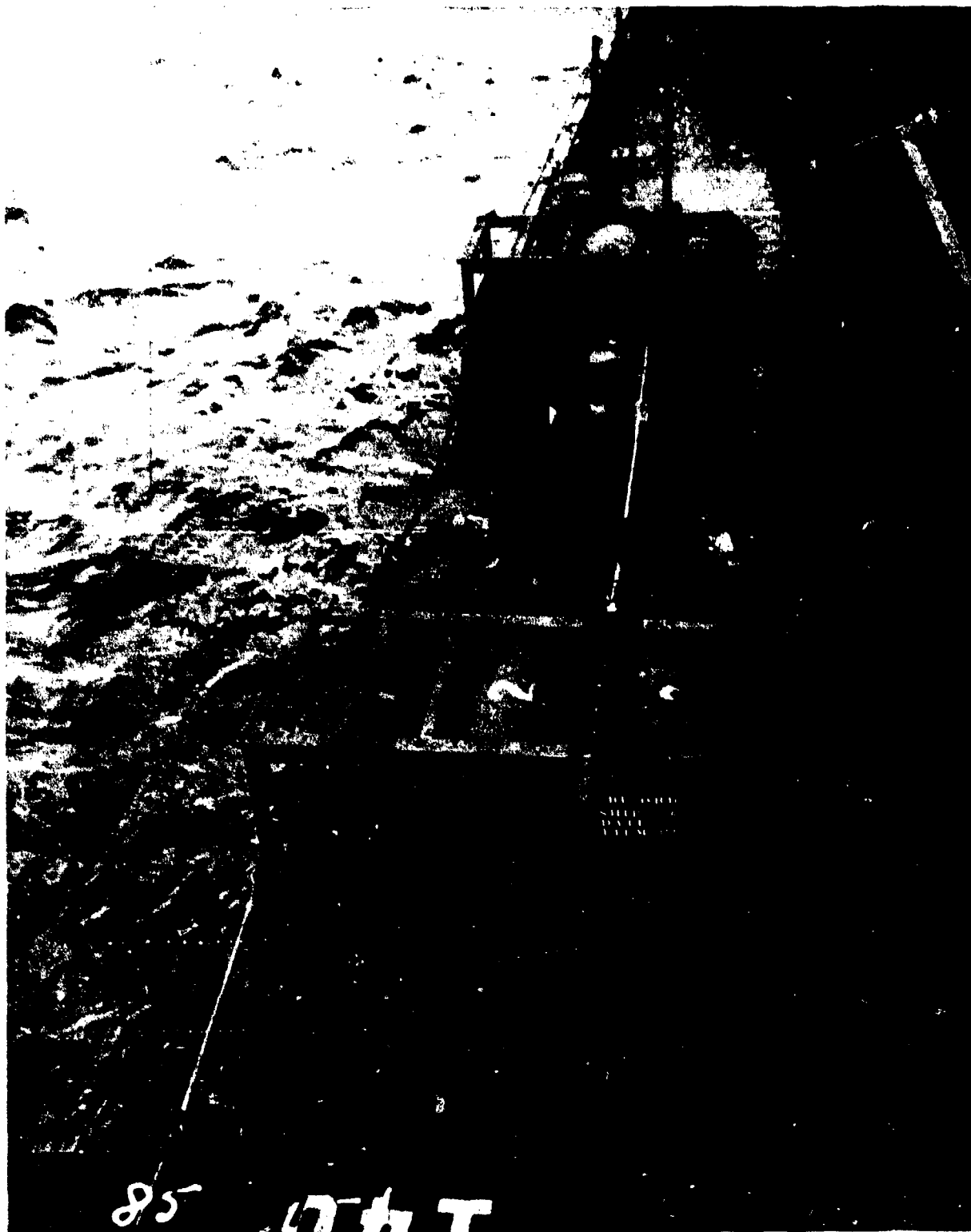
Enclosure (U) to Director Ship Material Serial 001500.



U.S.S. STACK (DD-406) - Before Able  
Shows the depth charges in position  
prior to Test "A".  
Photo. No. BA-CR-81-415-8.

**S E C R E T**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. ANDERSON (DD-411) - Before Able  
Shows the Depth Charges, Mk. 6 in position.  
Photo. No. RA-CR-85-447-1.

SECRET

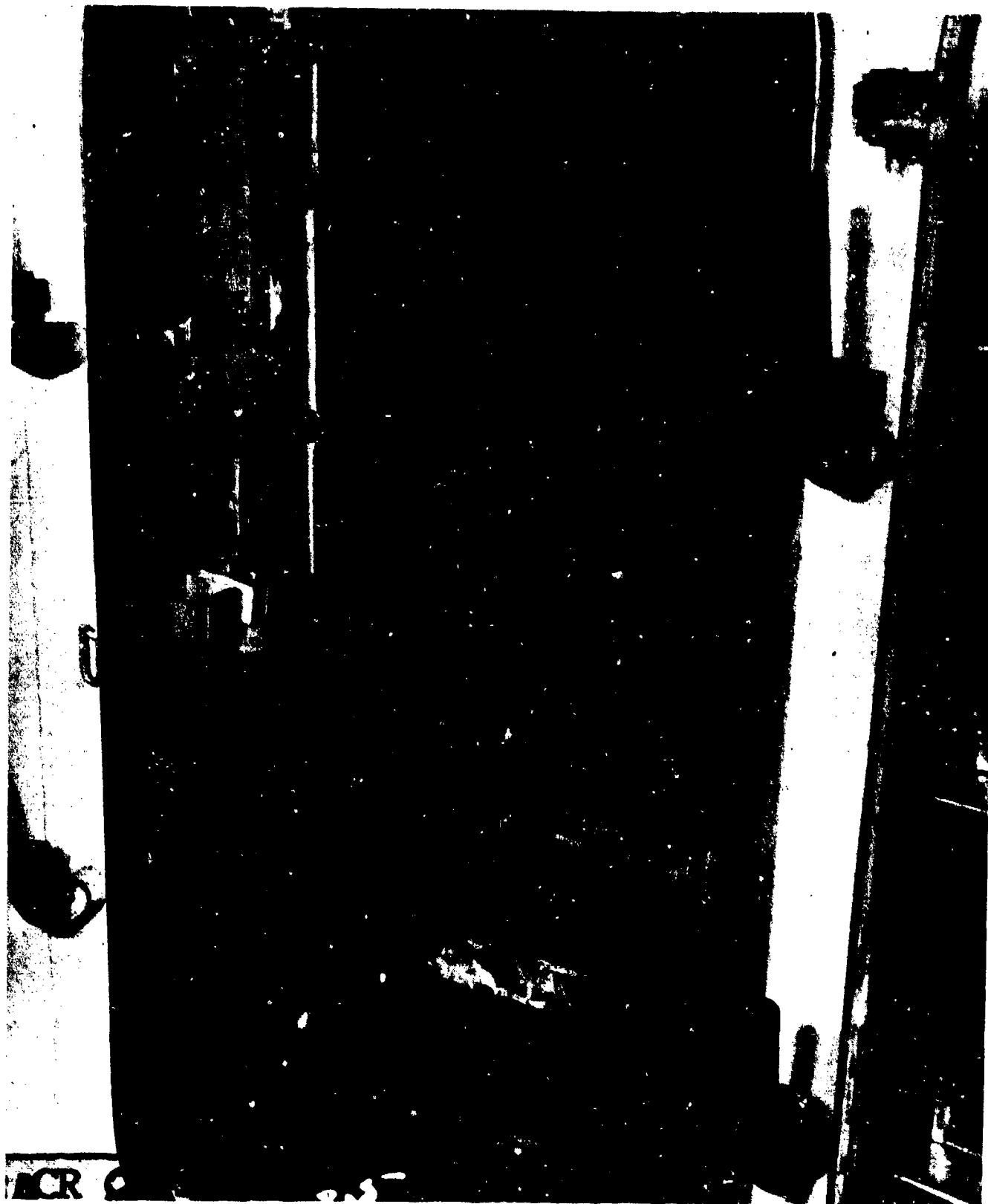
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. HUGHES (DD-410) - Before Able  
Shows the 20 MM Ammunition in position in the 20 MM  
Ready Service Box prior to Test "A".  
Photo. No. BA-CR-81-48-1.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.

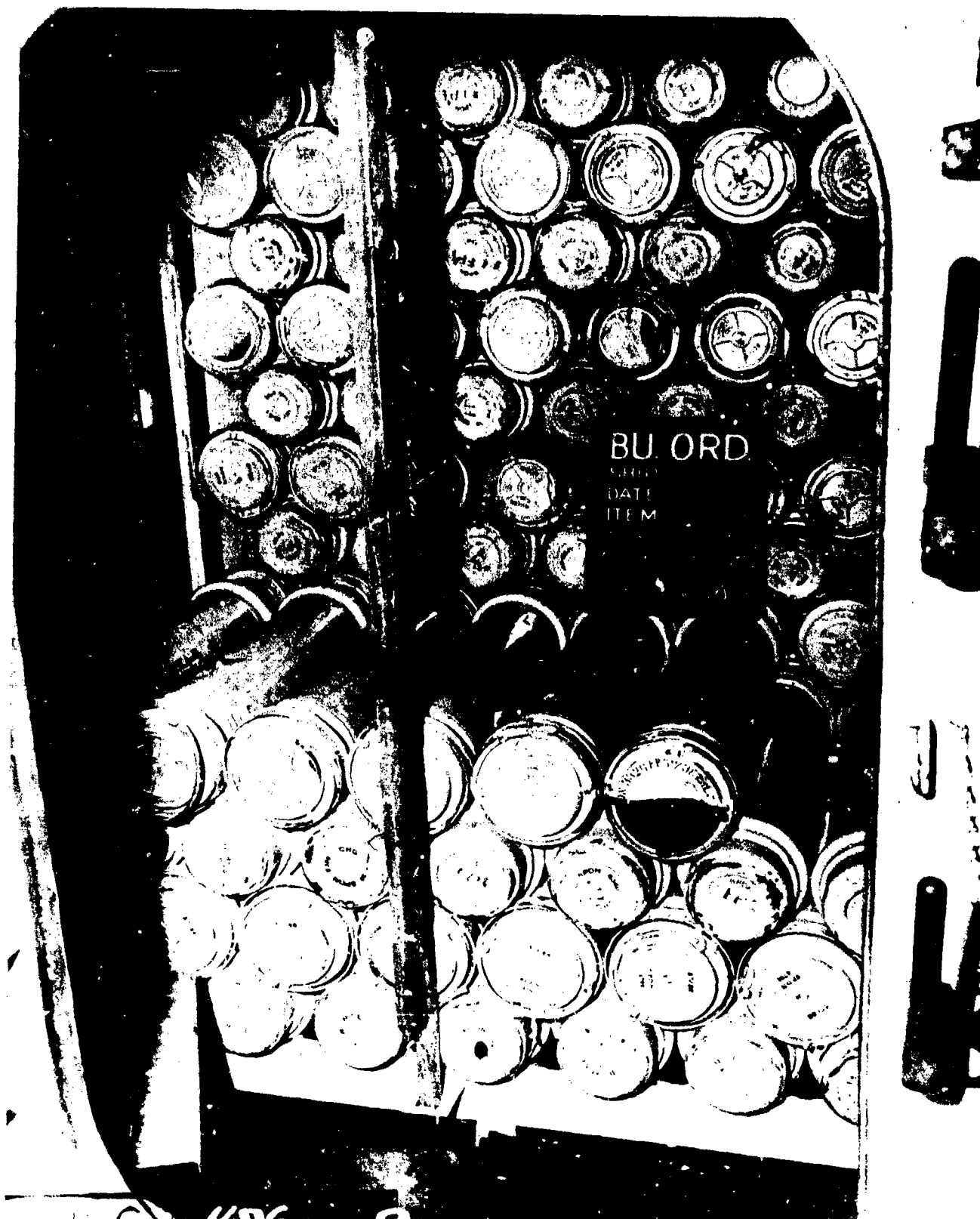


U.S.S. HUGHES (DD-410) - Before Able  
Shows the 40 MM Clipping Room, B-108-M prior to Test "A".  
Photo. No. BA-CR-81-486-5.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.





U.S.S. HUGHES (DD-410) - Before Aile  
Shows the 5"/38 powder magazine, C-302-M, prior to Test "A".  
Photo. No. BA-CR-81-486-9.

SECRET

Enclosure (1) to Director Ship Material Serial 001500.





U.S.S. HUGHES (DD-410) - Before Able  
Shows the 5"/38 Upper Handling Room of Gun No. 2  
prior to Test "A".  
Photo. No. BA-CR-81-486-10.

**SECRET**

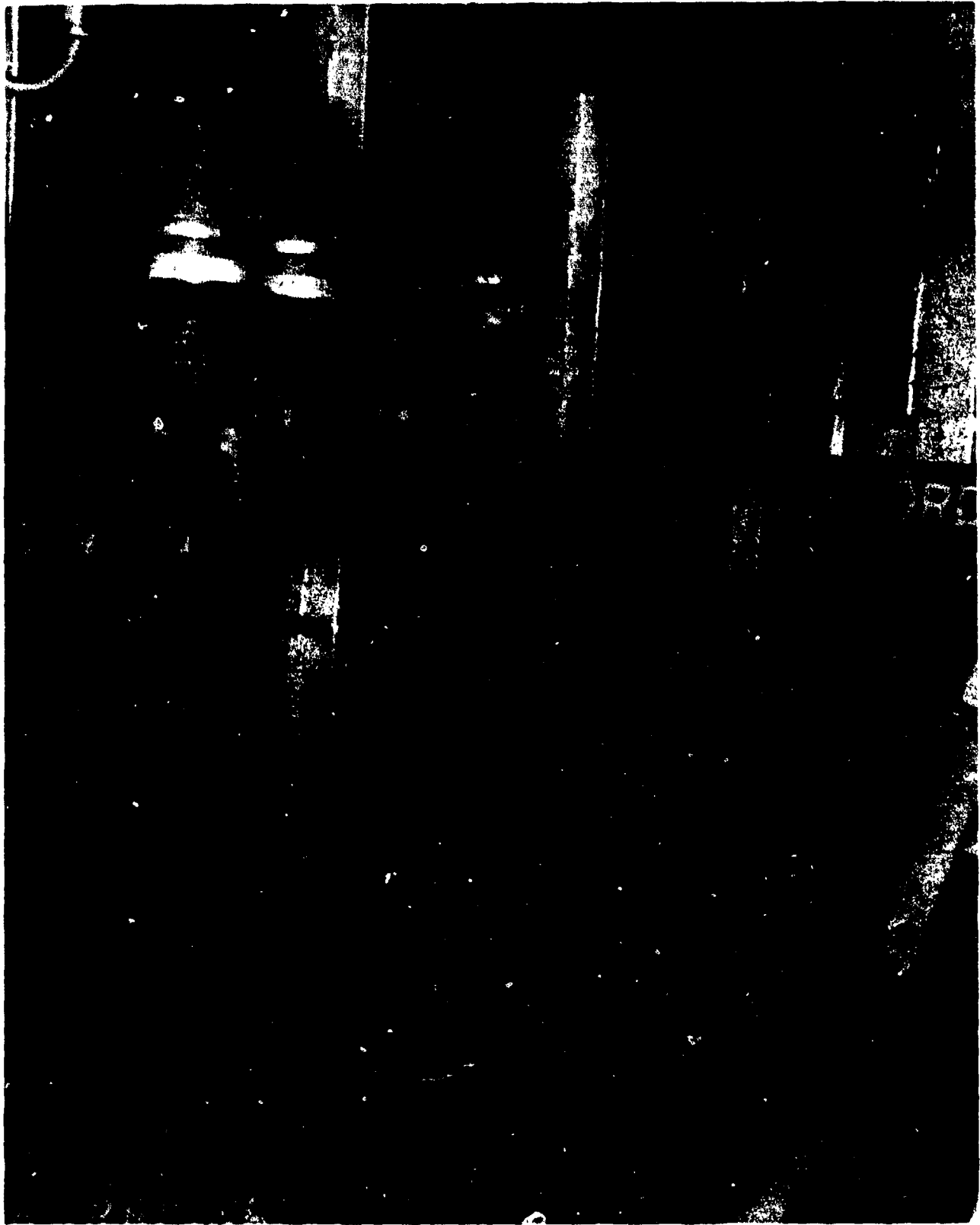
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. BUGHES (DL-410) - Before Able  
Shows the 5"/38 Projectile Storage, A-407-M prior  
to Test "A".  
Photo. No. BA-OR-81-486-11.

**SECRET**

Enclosure (L) to Director Ship Material Serial 001500.



U.S.S. HUGHES (DD-410) - Before Able  
Shows the 5"/38 gun house with a round of powder in the  
receiving position prior to Test "A".  
Photo. No. BA-CR-81-561-1.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. HUGHES (DD-410) - After Baker  
Shows the effect of shock on the 5"/38 Upper Handling  
Room. Slight dents were detected in a few rotating bands  
on the projectiles.  
Photo. No. AB-CR-76-1931-1.

**S E C R E T**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. HUGHES (DD-410) - After Baker  
Shows the effect of shock on the 5"/38 Powder  
Stowage in the Upper Handling Room. Dents were  
inflicted in some of the Cartridge Cases ranging  
from slight to severe. The failure of battens and  
stanchions was marked.  
Photo. No. AB-CR-76-1931-2.

**SECRET**

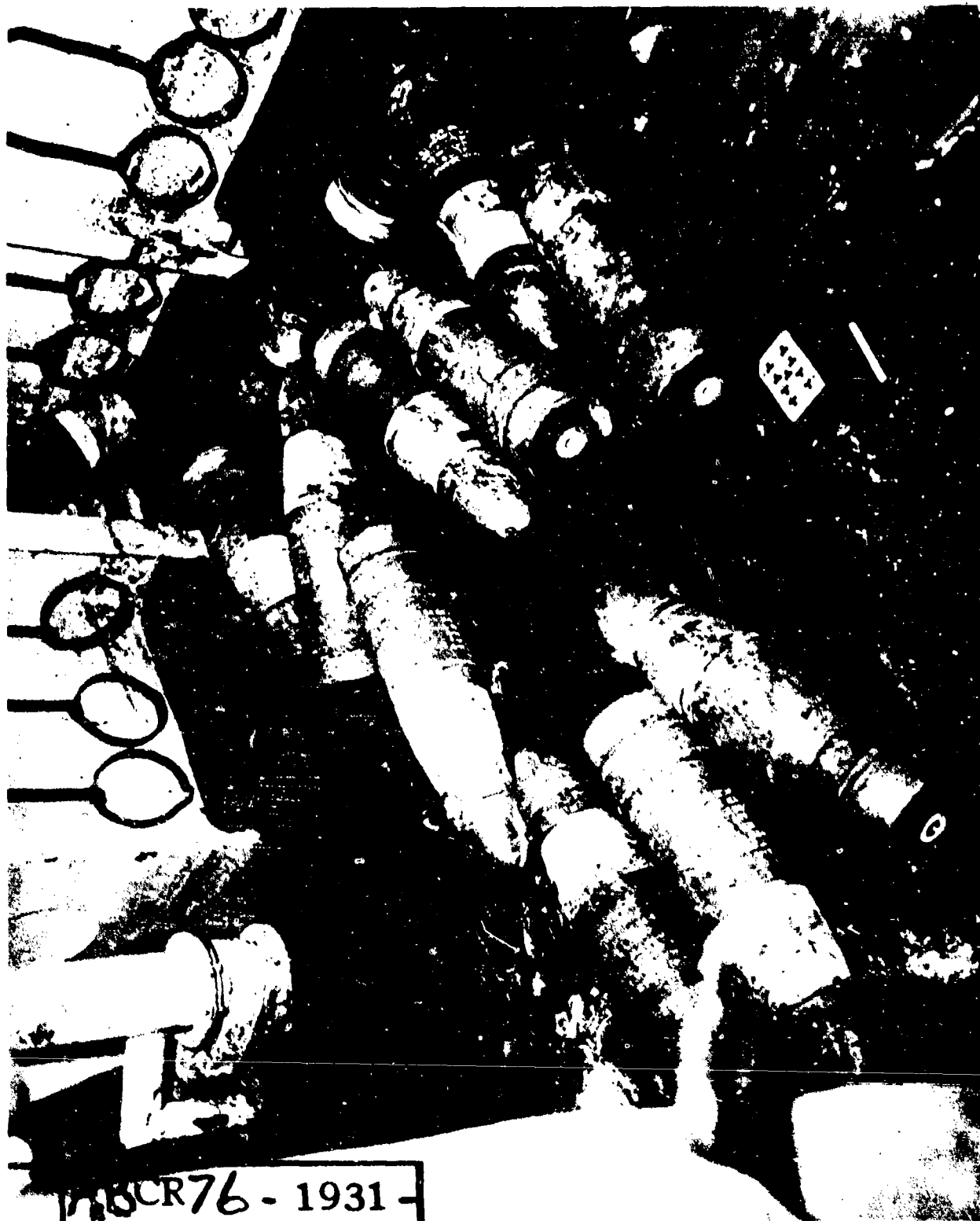
Enclosure (I) to Director Ship Material Serial 001500.



U.S.S. HUGHES (LD-410) - After Baker  
Shows the effect of shock on the 5"/38 Powder and Projectile Storage in the  
Upper Handling Room. Few projectiles rotating bands and cartridge cases were  
dented ranging from slight to severe. The failure of battens and stanchions was  
marked.  
Photo. No. AB-GH-76-1931-3.

**S E C R E T**

Enclosure (D) to Director Ship Material Serial 001500.



ABCR76 - 1931 -

U.S.S. HUGHES (DD-410) - After Baker  
Shows the effect of shock on the Upper Handling Room of No. 4, 5"/38 Gun Mount.  
Rotating bands on a few projectiles were dented. 5"/38 Projectile Ready Service  
Racks failure was marked.  
Photo. No. AB-CR-76-1931-4.

**S E C R E T**

Enclosure (D) to Director Ship Material Serial 001500.

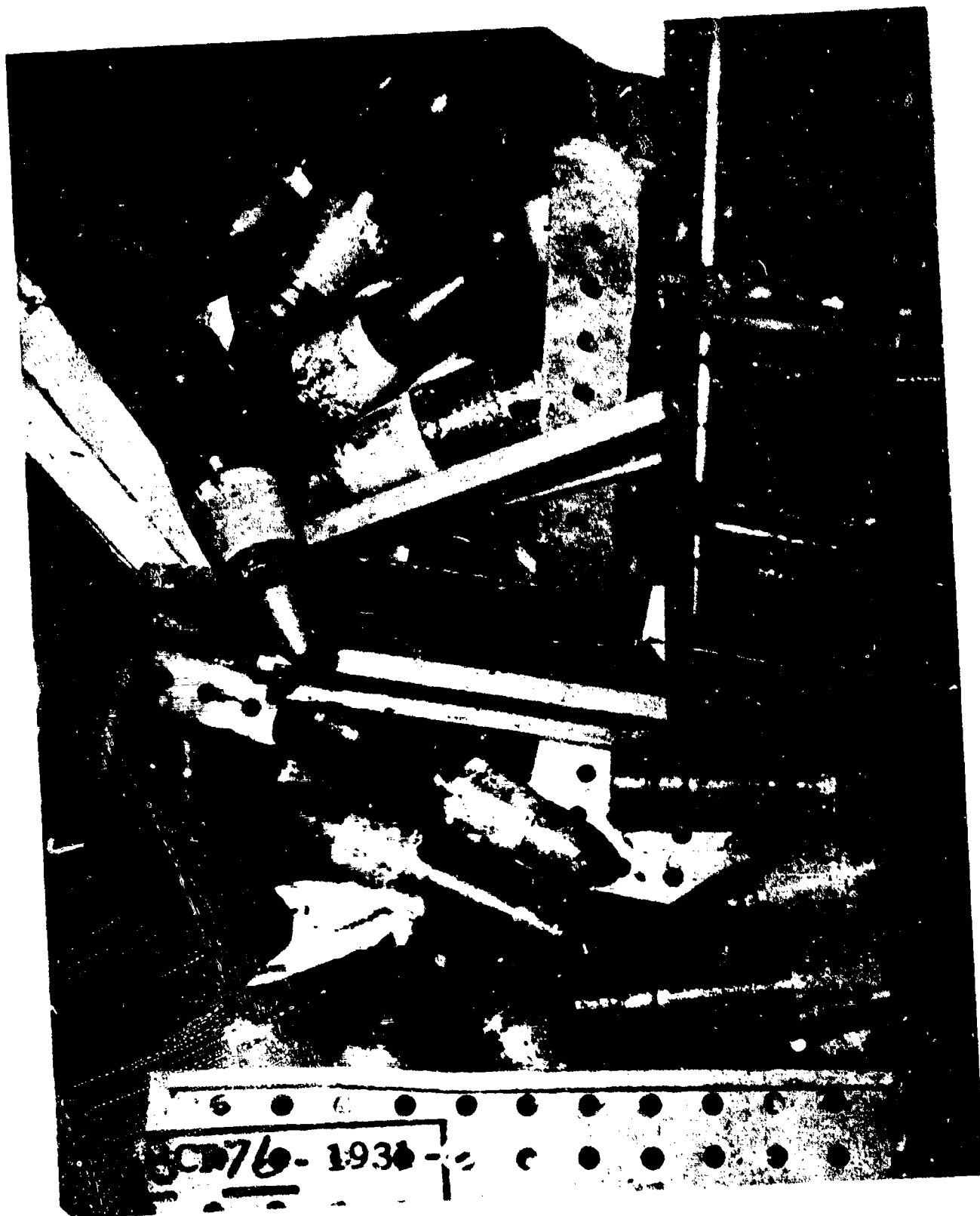


U.S.S. HUGHES (DD-410) - After Baker  
Shows the Upper Handling Room of No. 4, 5"/38 Gun  
Mount and the extent of displaced ammunition caused  
from shock. The failure of battens was marked.  
Photo. No. AB-Ck-76-1931-5.

SECRET

Enclosure (1) to Director Ship Material Serial 001500.





U.S.S. MICHES (DD-410) - After Baker  
Shows the effect of shock on the 5"/38 Projectile  
Stowage in Magazine, C-303-M. The failure of battens  
and stanchions was marked. Rotating bands on a few of  
the 5"/38 Projectiles were dented.  
Photo. No. AB-CR-76-1931-6.

**SECRET**

Enclosure (b) to Director Ship Materl. Serial 001500.

2218



U.S.S. HUGHES (ED-410) - After Baker  
Shows the effect of shock on the 5"/38 Powder Stowage  
in Magazine, C-404-M. The failure of battens and stanchions  
was marked. Few Powder Tanks and Cases were dented.  
Photo. No. AB-Ch-76-1931-7.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. HUGHES (DD-410) - After Baker  
Shows the effect of shock on the 40 MM Ammunition Storage in the 40 MM  
Clipping Room on the Main Deck, Frame 135. The failure of battens and  
stanchions was marked. Ammunition as seen in this photo remained unharmed.  
Photo. No. AB-CR-76-1932-3.

**S E C R E T**

Enclosure (D) to Director Ship Material Serial 001500.

BU. ORD.  
SHIP: W. J. R. 151  
DATE: 10 JUNE 42  
ITEM: Locker  
1942 Bridge

CR 81-418 -1

U.S.S. MAINRIGHT (M-419) - Before Able  
Shows the Pyrotechnic Stowage on the Bridge  
Level.  
Photo. No. RA-CR-81-418-4.

SECRET  
Enclosure (D) to Director Ship Material Serial 001500.



**RACR 81-418 -**

U.S.S. WAINWRIGHT (DD-419) - before Able  
Shows the exposed 40 MM Ammunition in the  
bulwark shields.  
Photo. No. RA-CR-81-418-6.

**SECRET**

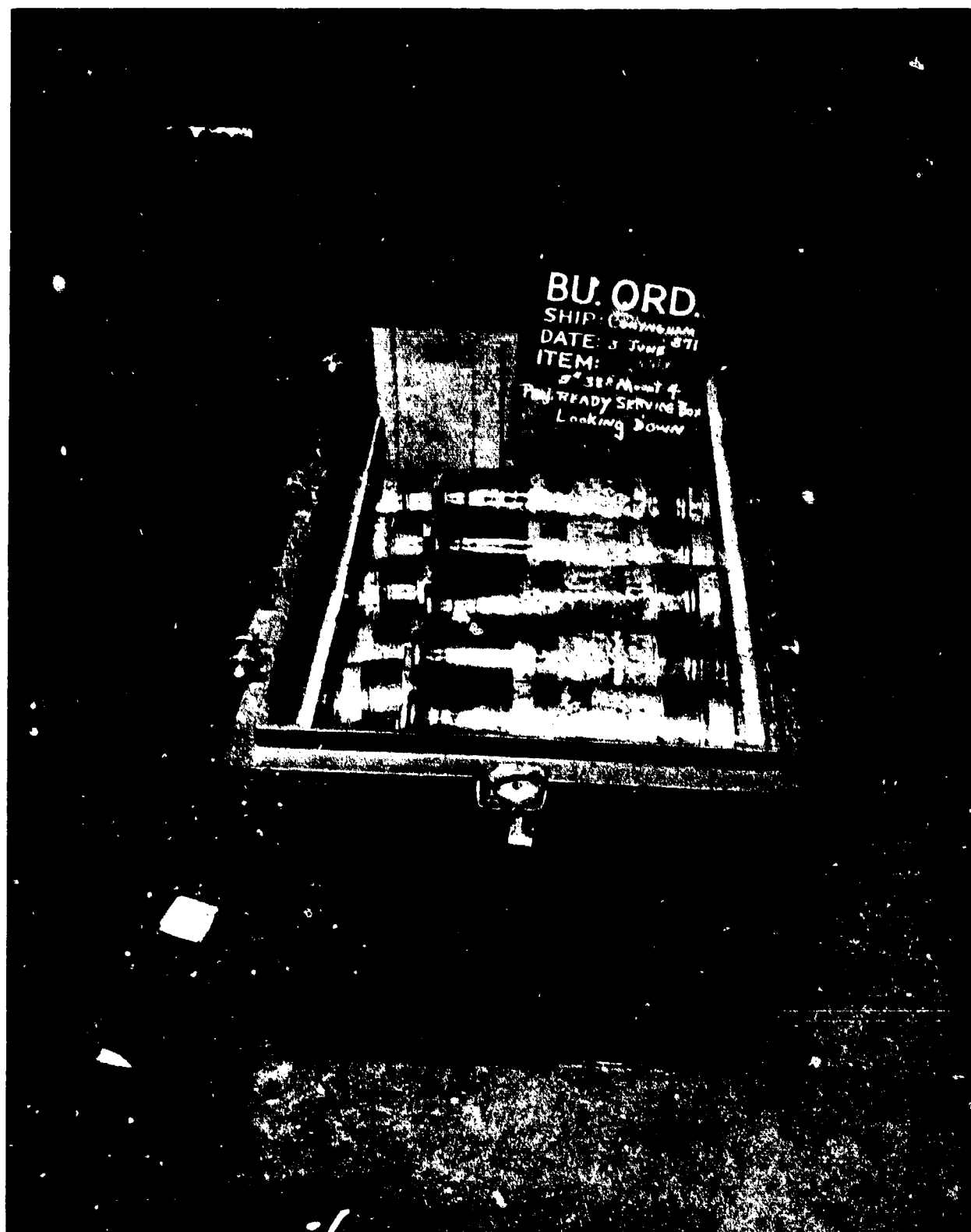
Enclosure (D) to Director Ship Material Serial 00100.



U.S.S. LAMSON (DD-367) - Before Able  
Shows the Depth Charges, Mk. 9 in position prior  
to Test "A".  
Photo. No. BA-CR-81-316-11.

**SECRET**

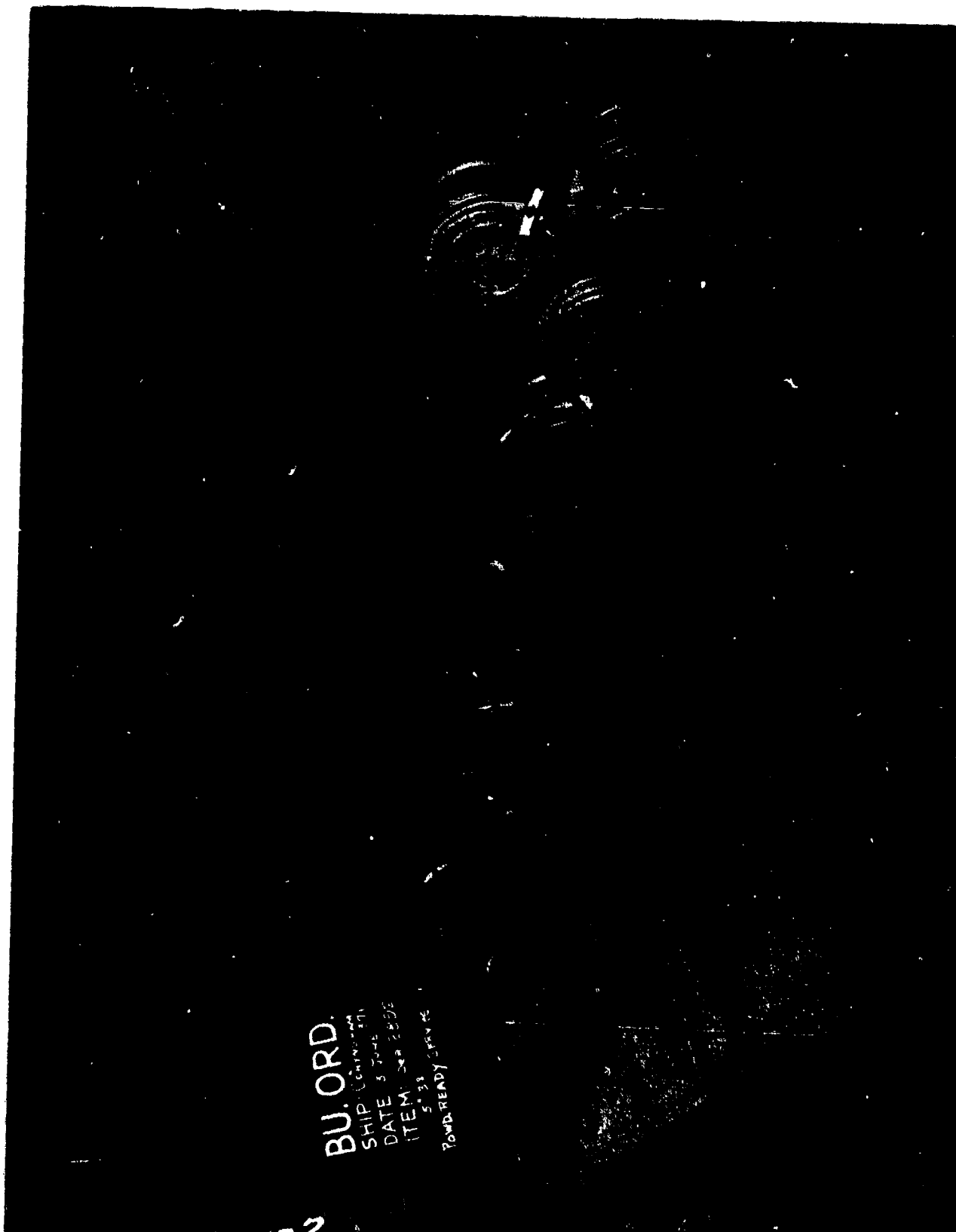
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. CONYNGHAM (DD-371) - Before Able  
Shows the special test, loaded and plugged, 5"/38  
projectiles, in position in the Ready Service Box  
prior to Test "A".  
Photo. No. RA-CR-92-289-1.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. CONYNGHAM (DD-371) - Before Atle  
Shows the 5"/38 powder in the Ready Service Box  
prior to Test "A".  
Photo. No. EA-CR-92-289-2.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.





U.S.S. RHIND (DD-404) - Before Able  
Shows the (L&P) Special Test 5"/38  
Projectile in position on the Gun Tray.  
Photo. No. BA-CK-81-314-4.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. MUGFORD (DD-389) - Before Able  
Shows the (L & P) Special Test Ammunition in  
position in the Hoist and Ready Service Stowage.  
Photo. No. RA-CR-92-413-4.

SECRET

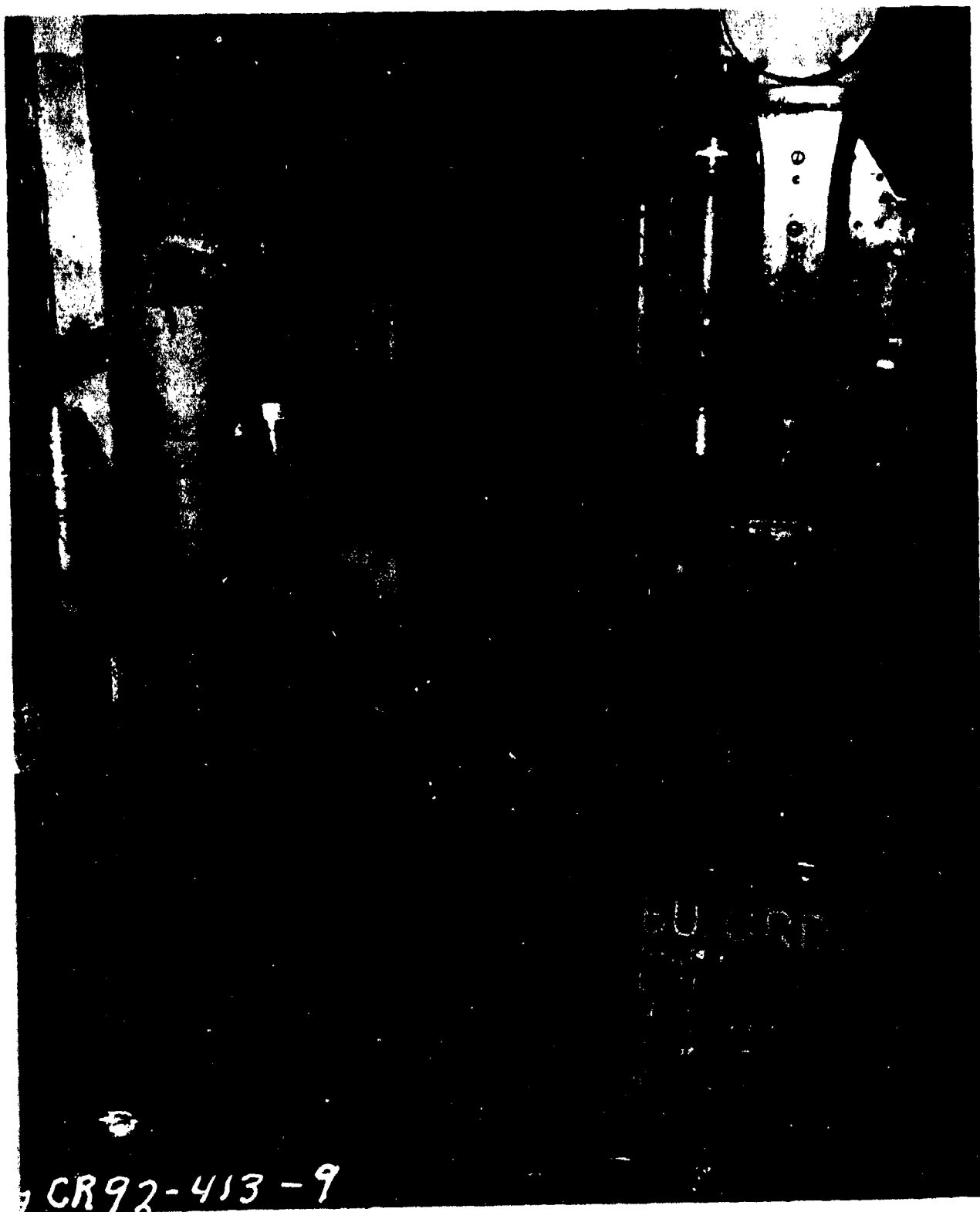
Enclosure (D) to Director Ship Material Serial 1500.



U.S.S. MUGFORD (DD-389) - Before Able  
Shows the 5"/38 AAC, loaded and plugged projectiles in  
the Upper Handling Room of Mount 5, prior to Test "A".  
Photo. No. BA-CR-92-413-6.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. MUGFORD (DD-389) - Before Able  
Shows the Special Test Projectiles, 5"/38 in  
position in the Ammunition Hoist and the Ready  
Service Stowage.  
Photo. No. BA-CR-92-413-9.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. MUGFORD (DD-389) - Before Able  
Shows the 5"/38 White Phosphorous Projectiles in  
position in Mount 4 Upper Handling Room, prior to Test "A".  
Photo. No. BA-CR-92-414-2.

S E C R E T

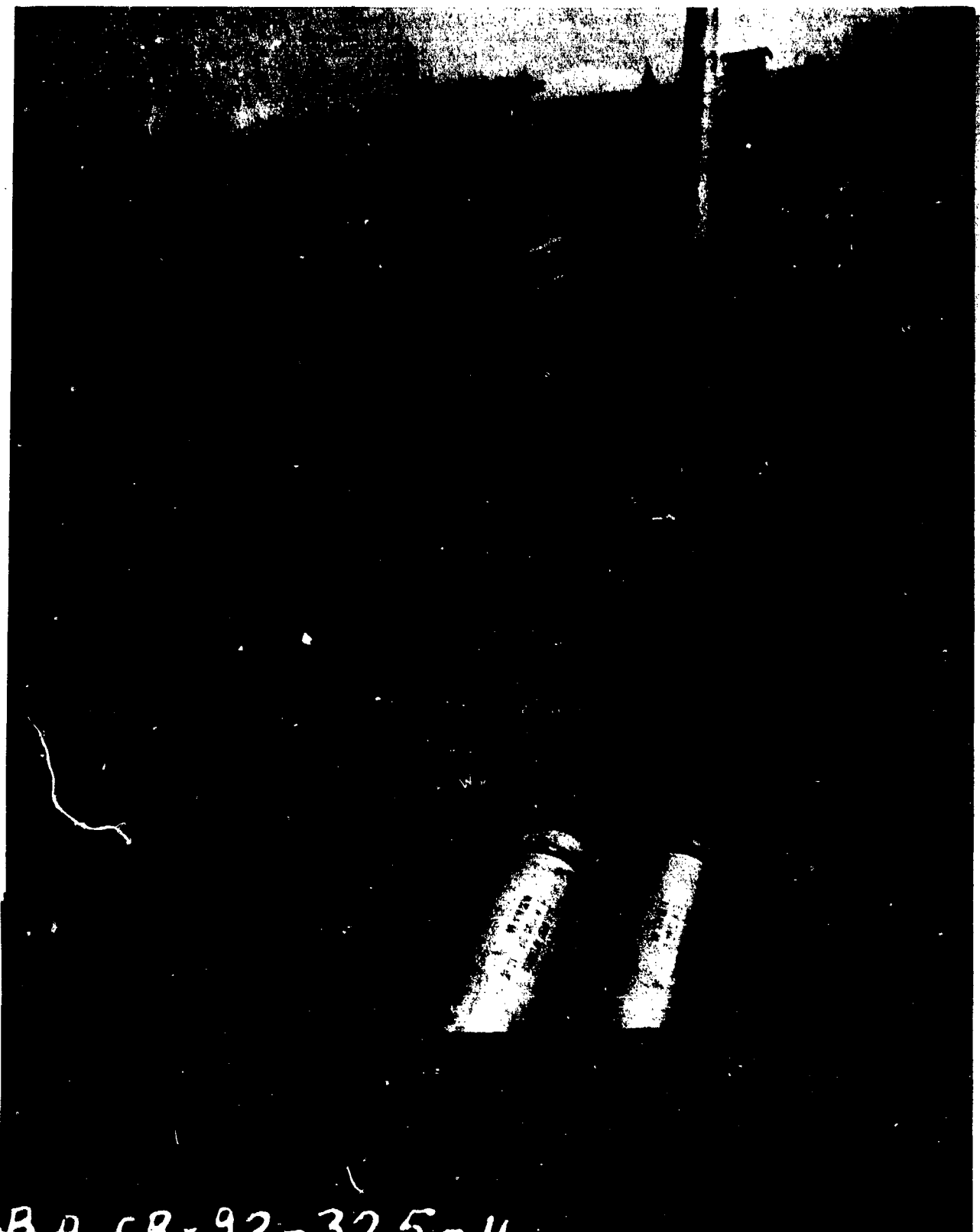
Enclosure (1) to Director Ship Material Serial 001500.



U.S.S. RALPH TALENT (DD-390) - Before Able  
Shows the 5"/38 Special Test Powder (SPCG) in the  
Upper Handling Room of Mount 3 prior to Test "A".  
Photo. No. BA-CR-92-325-2.

SECRET

Enclosure (E) to Director Ship Material Serial 001500.



U.S.S. RALPH TALBOT (DD-390) - Before Able  
Shows the 5"/38 Special Test Powder (STPG) in the  
Ready Service Box prior to Test "A".  
Photo. No. BA-CR-92-325-4.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PRINZ EUGEN (CA-Ger) - Before Able  
Shows the 8" powder stowage.  
Photo. No. BA-CR-92-930-1.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.

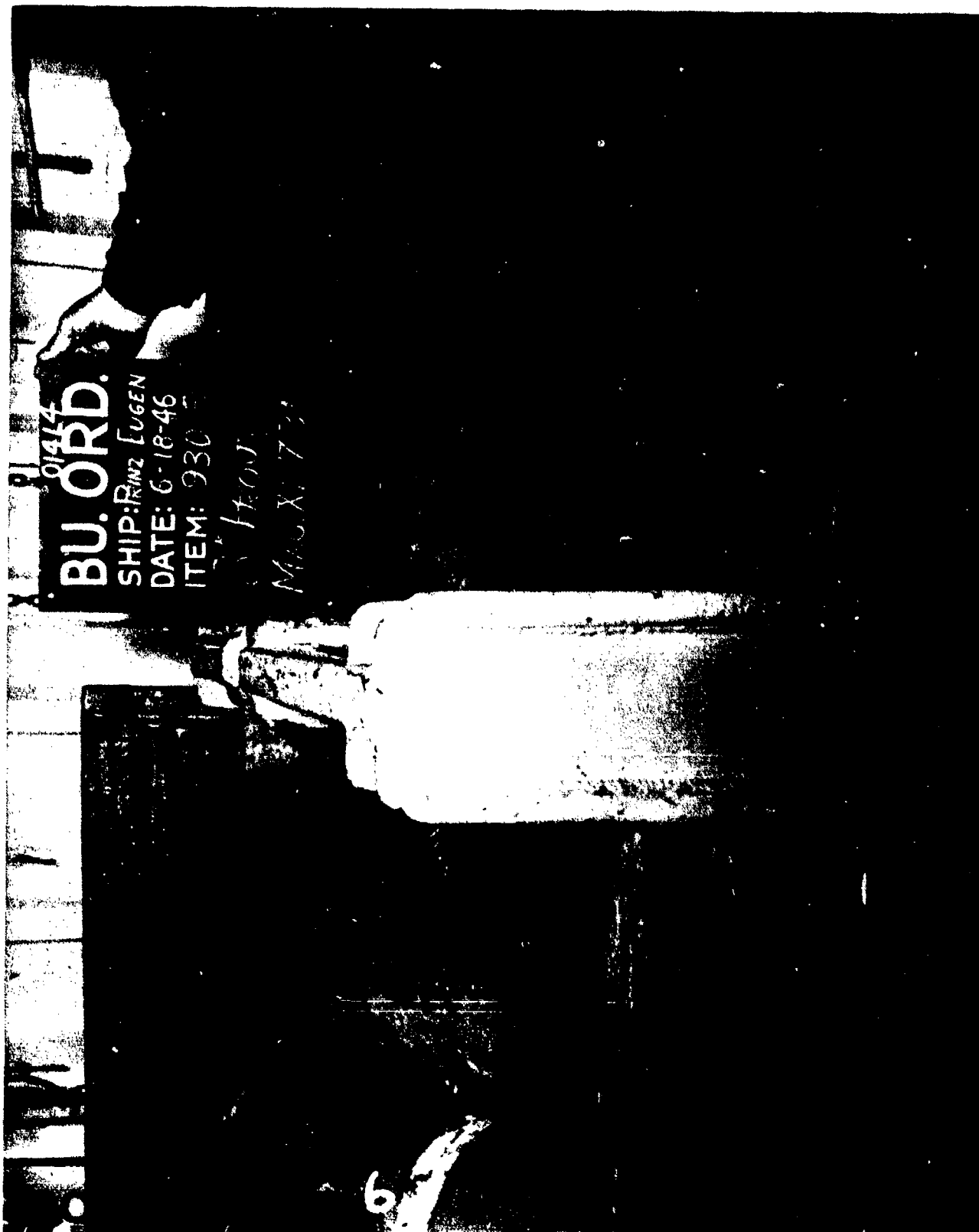




U.S.S. PRINZ EUGEN (CA-66) - Before Able  
Shows the 8" Powder Stowage.  
Photo. No. BA-CR-92-930-5.

**SECRET**

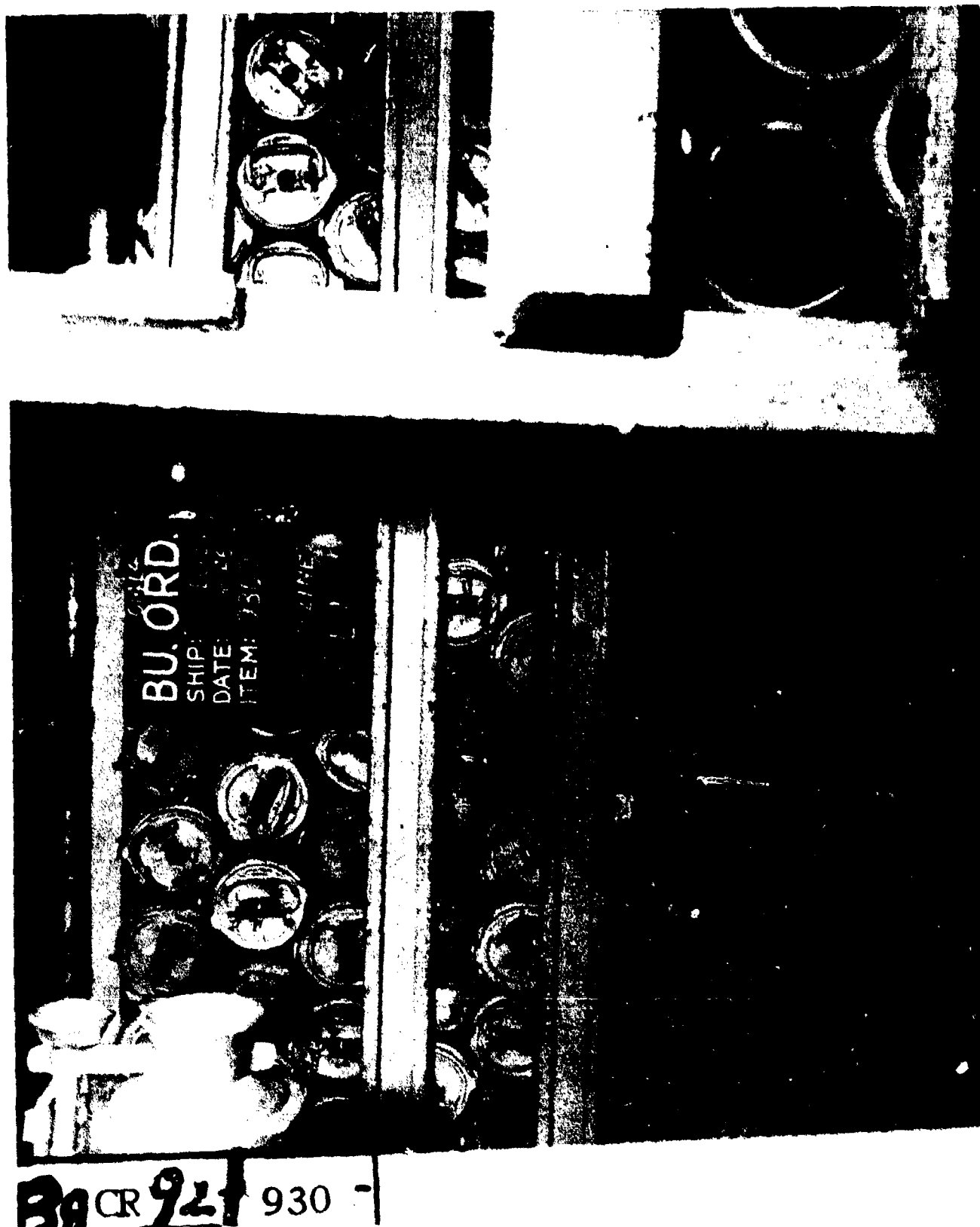
Enclosure (E) to Director Ship Material Serial 001500.



U.S.S. PRINZ EUGEN (CA-Ger) - Before Able  
Shows the 8" Projectile Stowage.  
Photo. No. BA-CR-92-930-6.

SECRET

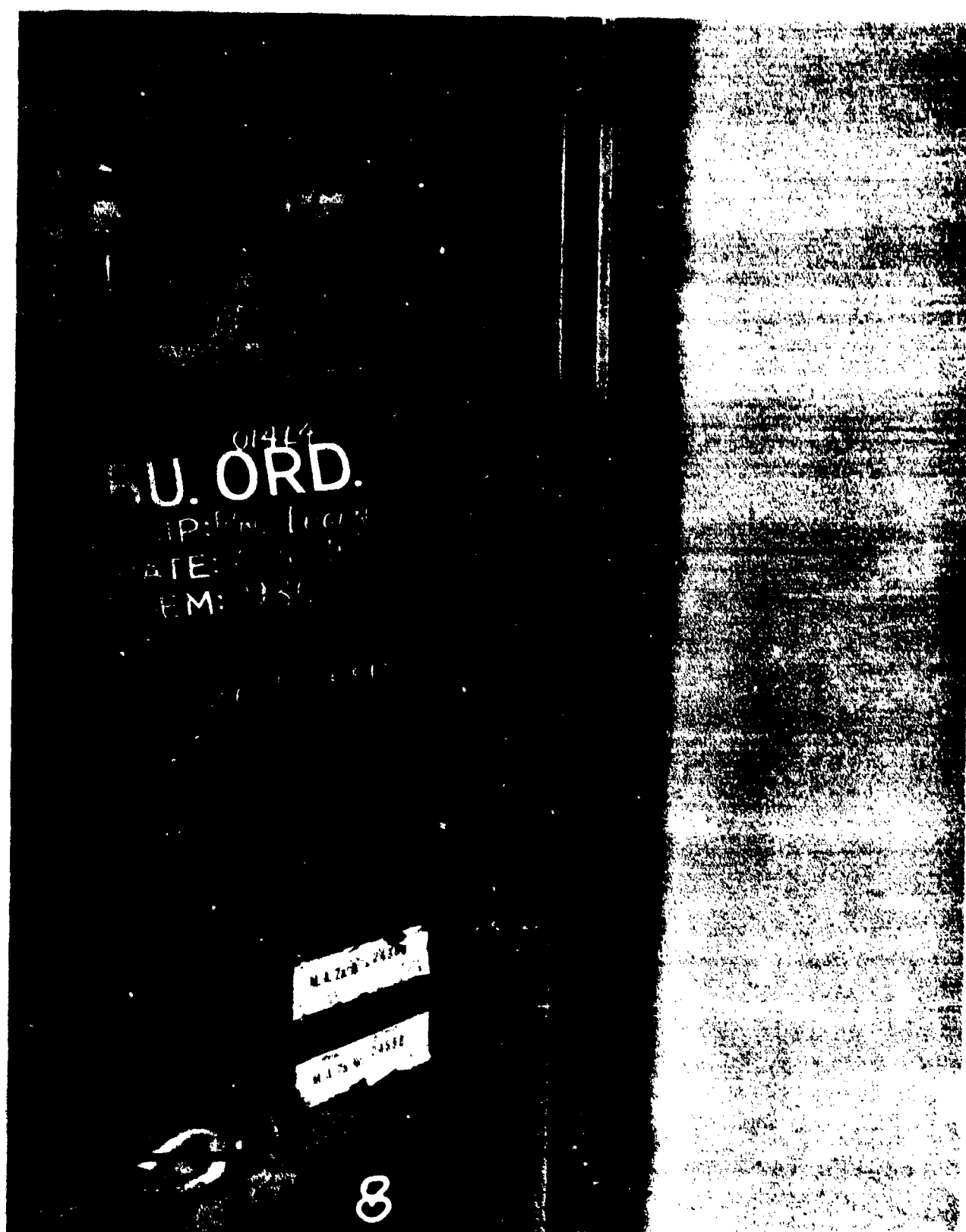
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PRINZ EUGEN (CA-Ger) - Before Able  
Shows the 10.5 CM Powder Stowage.  
Photo. No. BA-CR-92-930-7.

SECRET

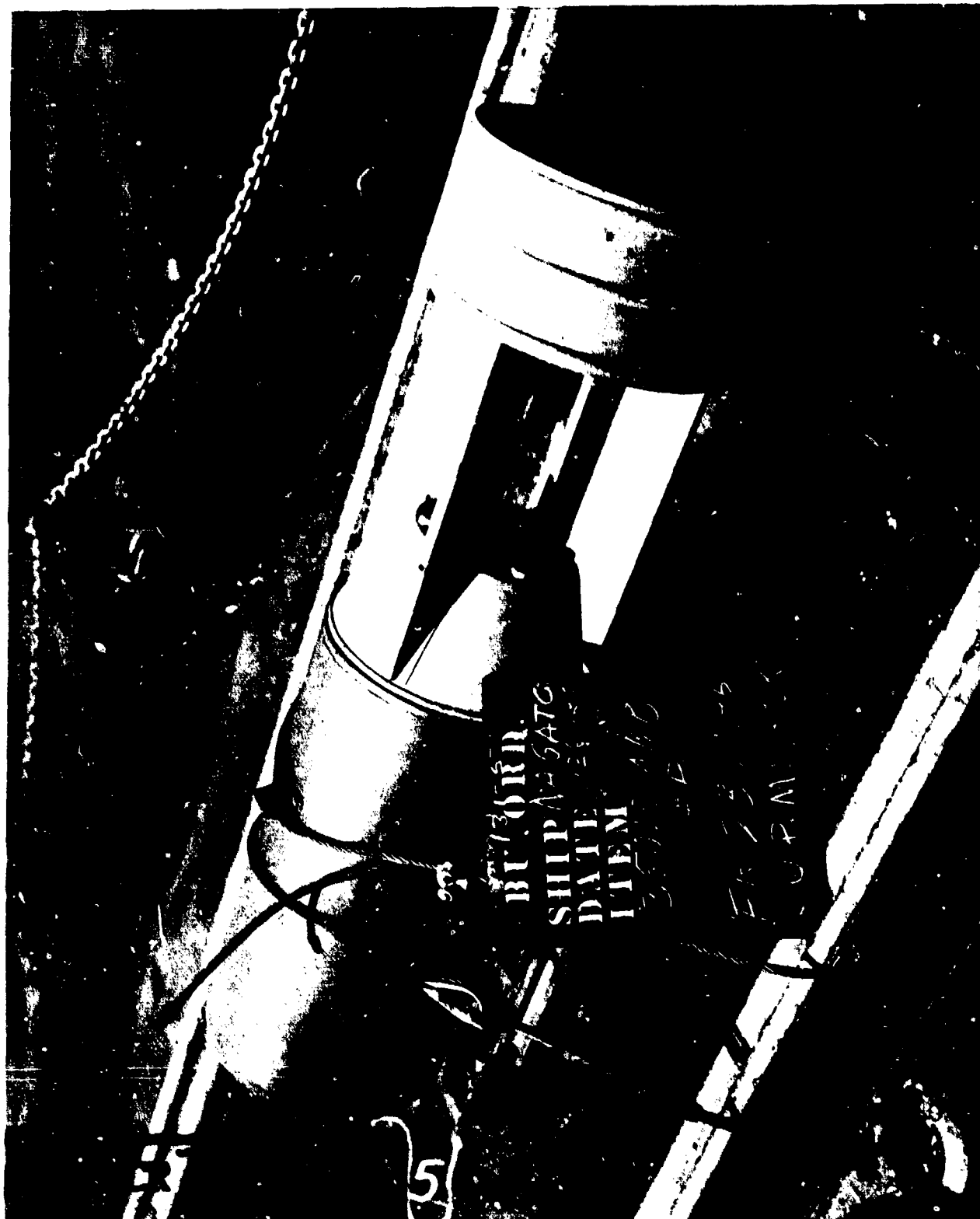
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PRINZ EUGEN (CA-Ger) - Before Able  
 Shows the projectile fuse locker and stowage.  
 Photo. No. RA-CP-92-930-8.

SECRET

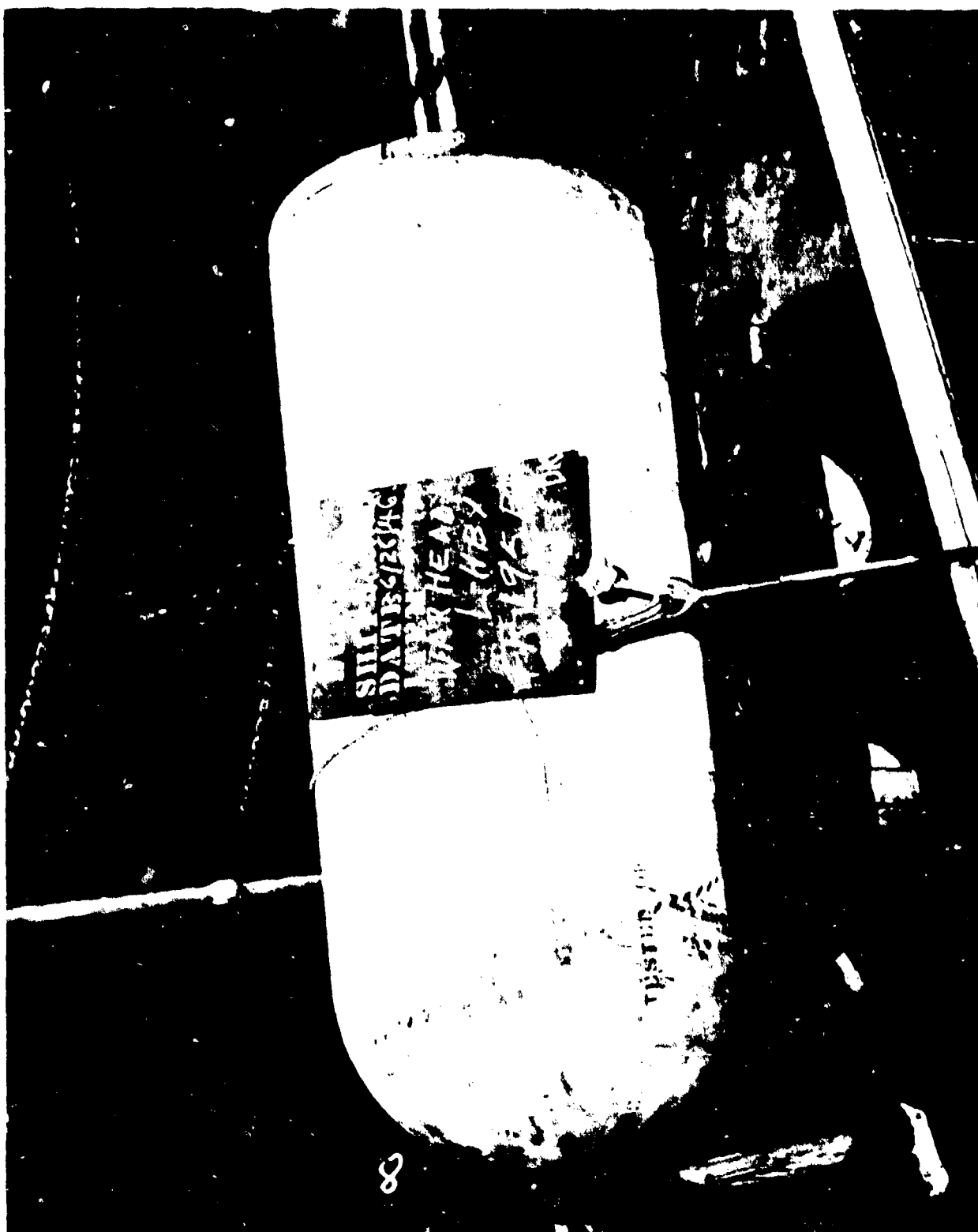
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. Naгато (Ex-Jap BB) - Before Able  
Shows the 350 lb., aerial depth bomb, AN-Mk. 54, Mod. 1,  
HBA loaded and plugged in position for Test "A". The  
depth bomb was located on the uppermost deck, frame 320,  
starboard side.  
Photo. No. BA-CR-76-131-5.

SECRET

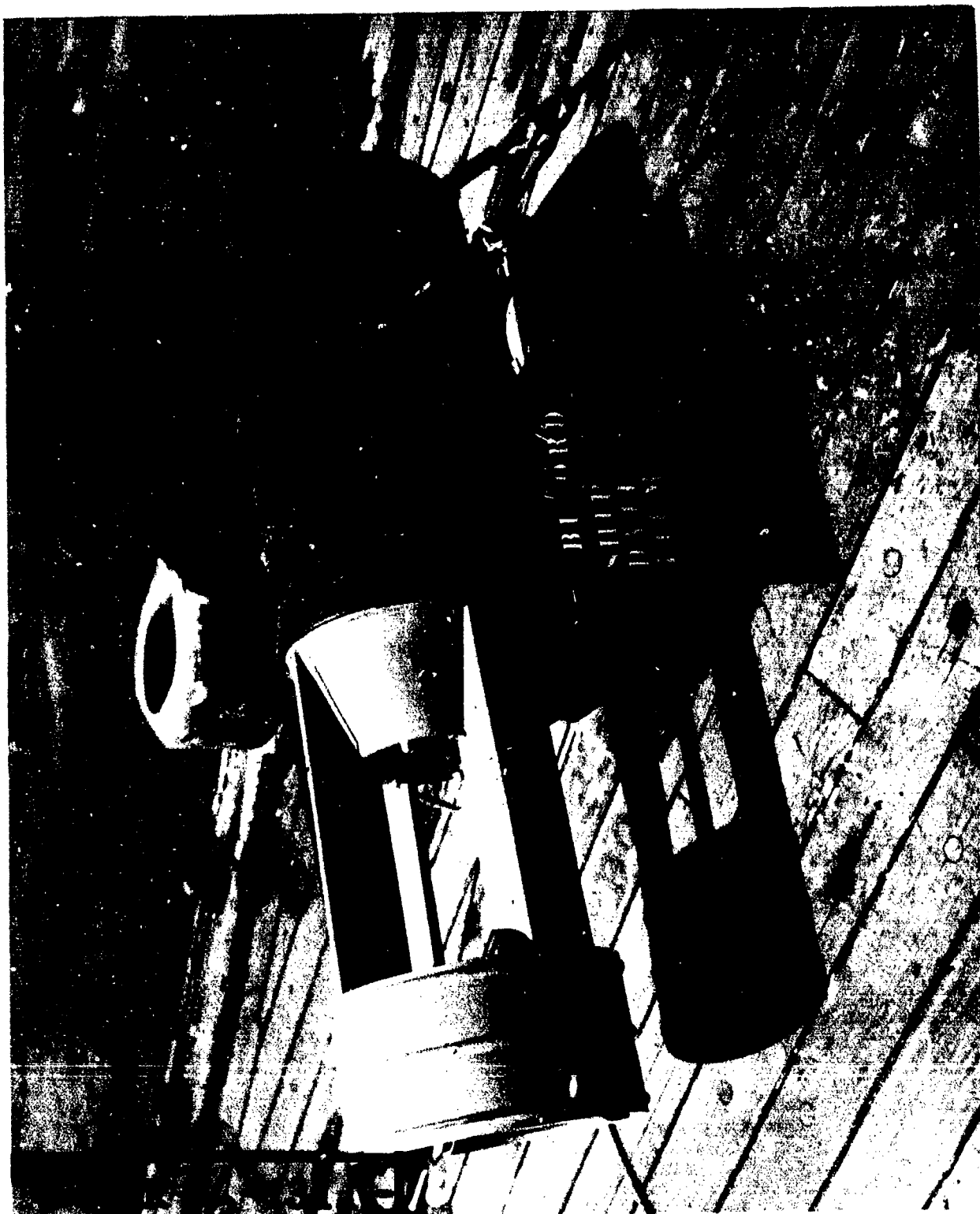
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. NAGATO (Ex-Jap BB) - Before Able  
Shows the Torpedo Warhead, Mk. 13, and the typical  
method of securing it to the deck.  
Photo. No. BA-CR-76-131-8.

S E C R E T

Enclosure (D) to Director Shi Material Serial 001500.



U.S.S. NAMATO (Ex-Jap LB) - before Able  
Shows the 350 lb., serial depth bomb, AN-  
Mk. 54, Mod. 1, MUX loaded and plugged, in  
position for Test "A". The depth bomb was  
located on the uppermost deck, frame 20,  
starboard side. This bomb was later blown from  
its securing cables and forward 6 feet.  
Photo. No. BA-JR-76-131-10.

**SECRET**

Enclosure (3) to Director Ship Material Serial 001500.

4214



U.S.S. NAGATO (Ex-Jap) - Before Able  
Shows the Warhead, Mk. 13, HBX loaded and  
plugged, (no exploder mechanism) secured in  
position for Test "A". The warhead was located  
on the uppermost deck, frame 145, port side.  
Photo. No. BA-CR-76-131-11.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.

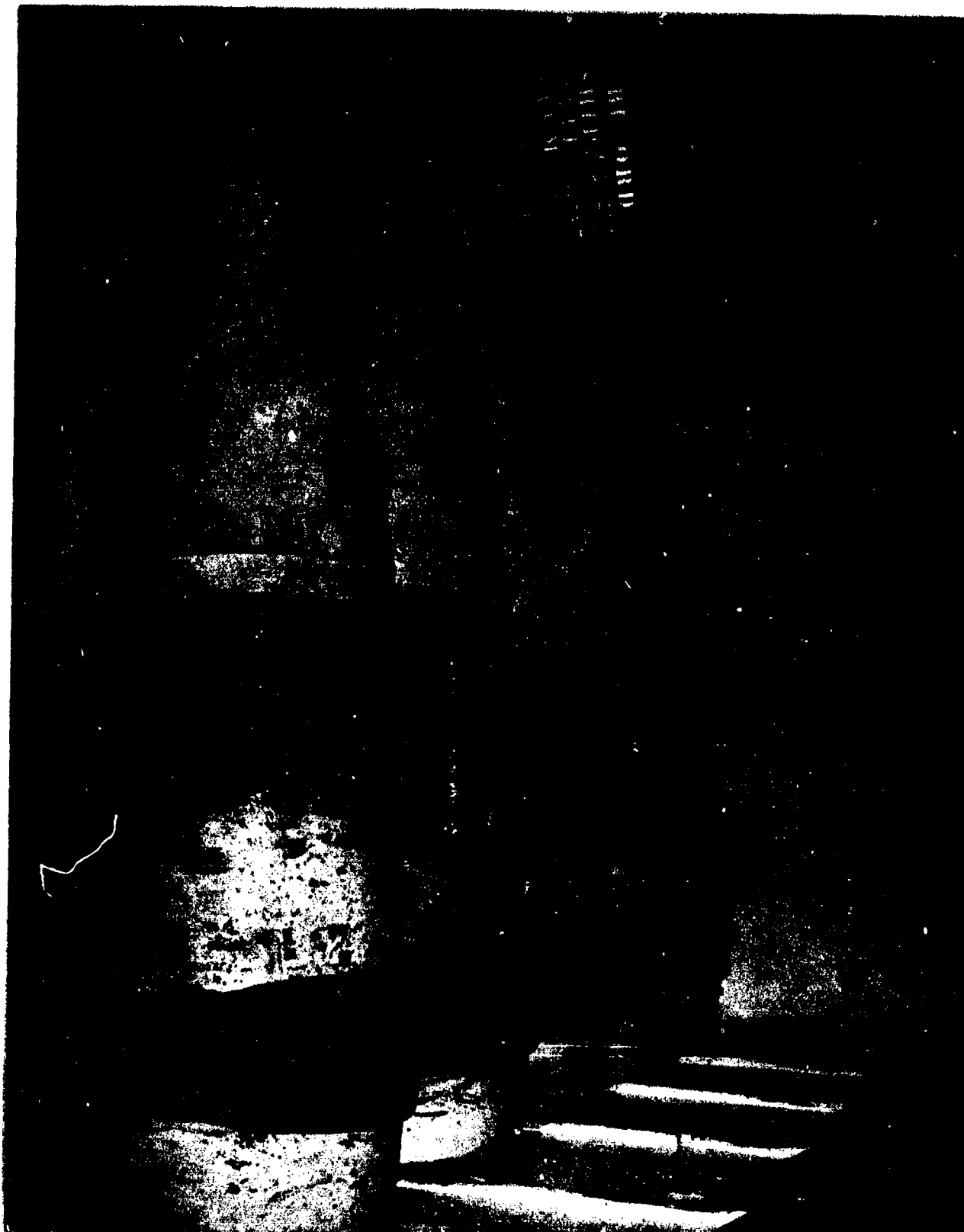




U.S.S. NAGATO (Ex-Jap BB) - Before Able  
Shows the 500 lb., general purpose, aircraft  
bomb, AN-M64A1, TNT loaded and plugged, in position  
for Test "A". The bomb was located on the uppermost  
deck, frame 74, port side.  
Photo. No. BA-CR-76-131-12.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. NAGATO (Ex-Jap BB) - Before Able  
Shows the Armor Piercing, 40 CM, projectile stowage  
in the Shell Room of No. 4 Turret.  
Photo. No. BA-CR-60-917-1.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. NAGATO (Ex-Jap BB) - Before Able  
Shows the 25 MM Ammunition (Japanese Munition) stowage  
in the forward port magazine.  
Photo. No. BA-CR-60-917-5.

**S E C R E T**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. NAGATO (Ex-Jap BB) - Before Able  
Shows the 40 CM, Common, projectile stowage on the  
Shell Deck of No. 1 Turret.  
Photo. No. BA-CR-60-917-6.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. NAGATO (Ex-Jap MB) - Before Able  
Shows the method of securing and the 5" aircraft rocket  
heads, Mk. 10, Mod. 0, TNT loaded and plugged in position  
for Test "A". The rocket heads were located on the boat  
deck, frame 140, starboard side.  
Photo. No. BA-Ck-76-1799-1.

**S E C R E T**

Enclosure (D) to Director Ship Material Serial 001500.



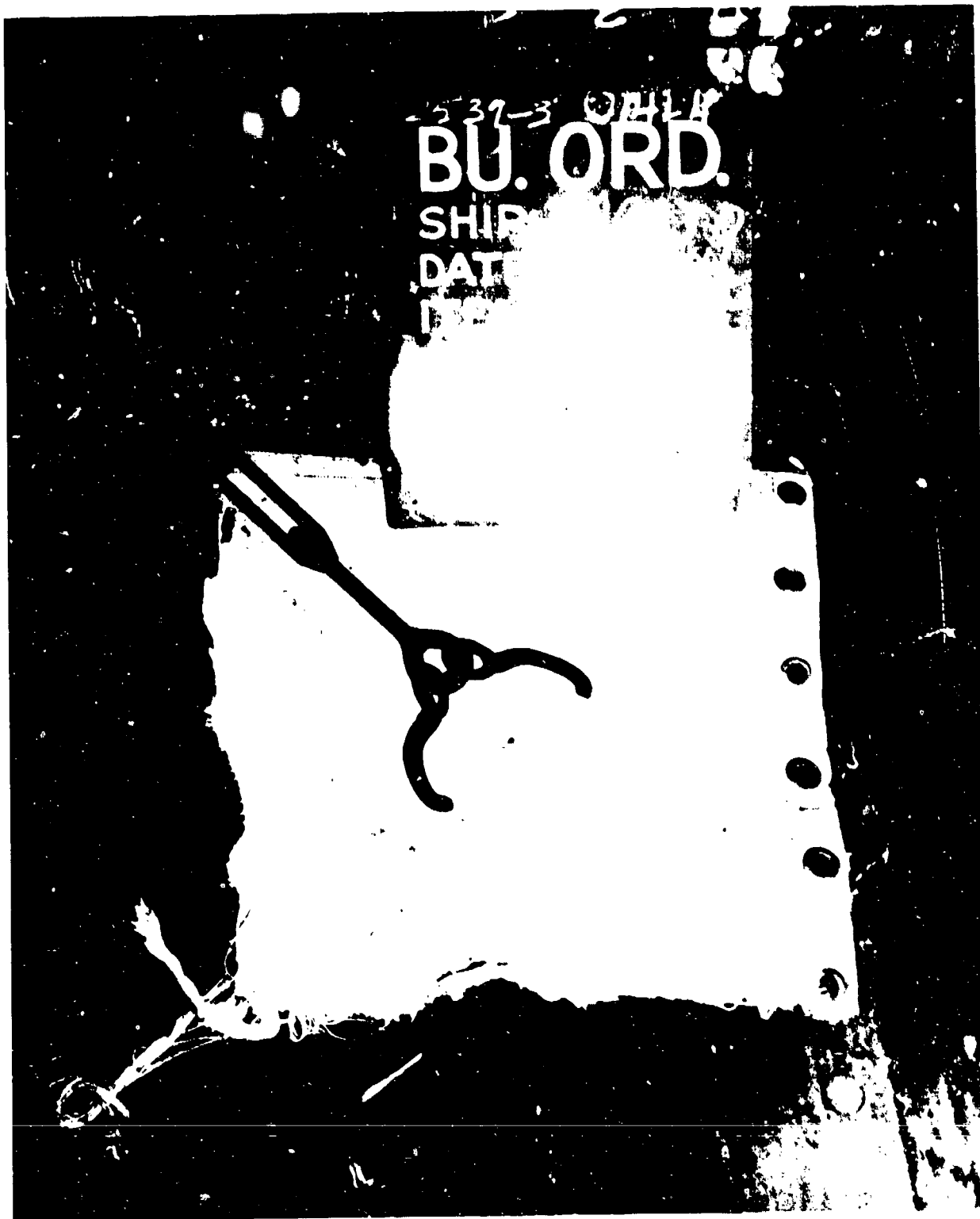
U.S.S. NAGATO (Ex-Jap BB) - After Able  
Shows the 350 lb., Aerial Depth Bomb, AN-Mk. 54, Mod. 1, HEX  
loaded and plugged, after Test "A". As shown in the photo, the  
bomb was blown forward 6 ft. by the blast. The blast was so  
severe that it caused the Sister Hook on the securing cable to  
straighten allowing the whole unit to become unsecured. The  
bomb was not damaged in any respect See Pre-test "A" picture,  
BA-CR-76-131-10 for comparison.  
Photo. No. AA-CR-87-2539-2.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

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U.S.S. NAGATO (Ex-Jap BB) - After Able  
Shows the Sister Hook on the end of the securing cable  
which was disfigured by the blast allowing the Aerial  
Depth Bomb located on the uppermost deck, frame 20,  
starboard side to become unsecure and blown forward 6 ft.  
The following related pictures may be reviewed: BA-CR-76-  
131-10, AA-CR-87-2539-2, and AA-CR-87-2539-4.  
Photo. No. AA-CR-87-2539-3.

SECRET

Enclosure (D) to Director Ship Material Serial 601500.



U.S.S. NAGATO (Ex-Jap HB) - After Able  
Shows the 350 lb., Aerial Depth Bomb, AN-Mk. 54, Mod. 1,  
HBX loaded and plugged. As shown in the photo the bomb  
was blown forward 6 ft. by the blast. The blast was so  
severe that it caused the Sister Hook on the securing cable  
to strighten allowing the whole unit to become unsecure.  
See Pre-test "A" picture BA-CR-76-131-10. The bomb was  
not damaged in any respect.  
Photo. No. AA-CR-87-2530-4.

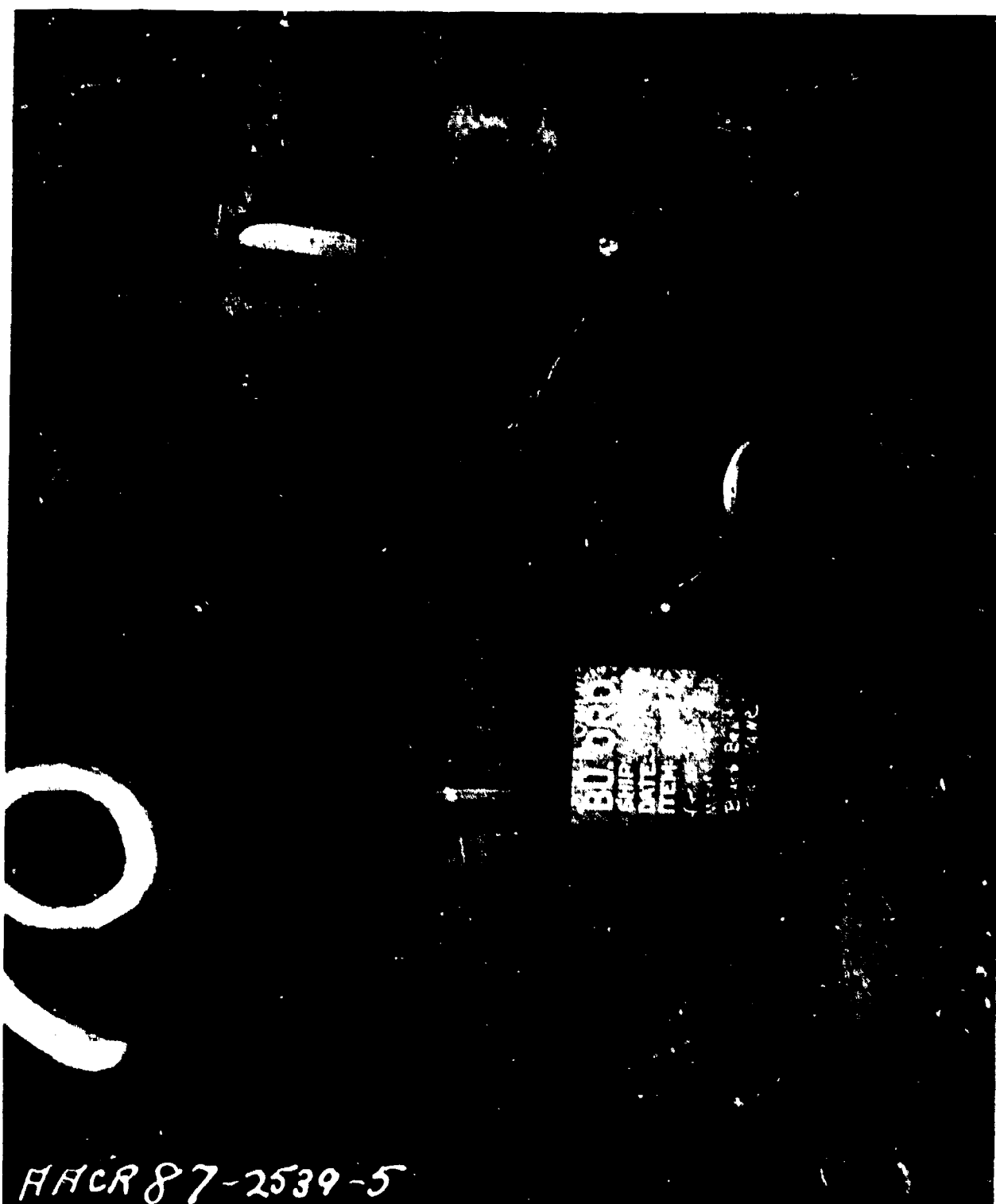
SECRET

Enclosure (D) to Director Ship Material Serial 001500.

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4214



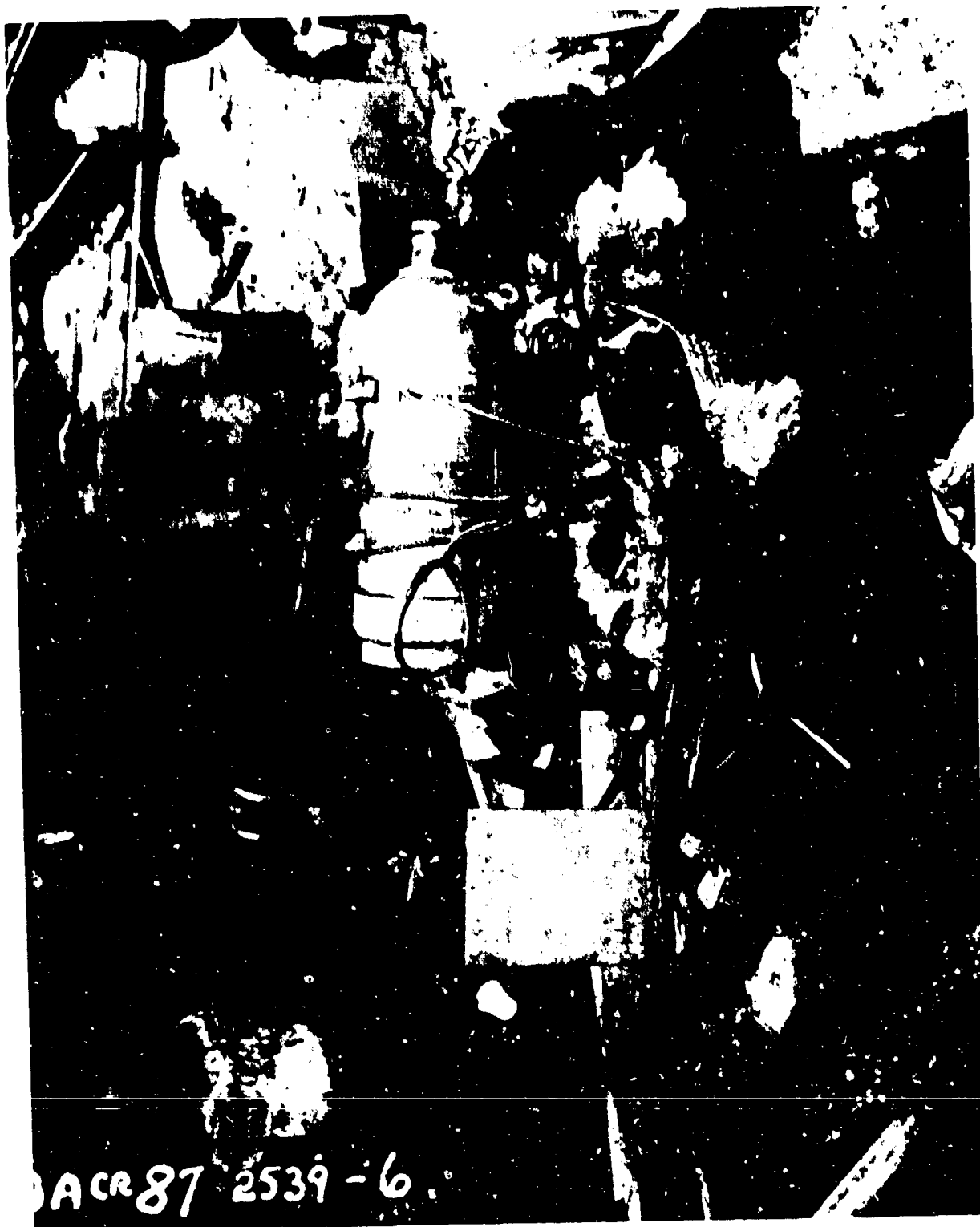


U.S.S. NAGATO (Ex-Jap BB) - After Able  
Shows the 500 lb. general purpose, Aircraft bomb, AN-M64A1, TNT loaded and plugged after Test "A". The Tail Fin ASSY. suffered slight damage from falling debris from the superstructure. Although the wooden decks in the vicinity of the bomb were slightly scorched, the preservative paint on the bomb casing showed no signs of excessive temperatures. The entire unit as seen in the photo was moved 5" forward of the blast due to the failure of the deck planking. Pre-test "A" picture, HA-CR-76-131-12, may be employed for comparison.  
Photo. No. AA-CR-87-2539-5.

**S E C R E T**

Enclosure (L) to Director Ship Material Serial 001500.

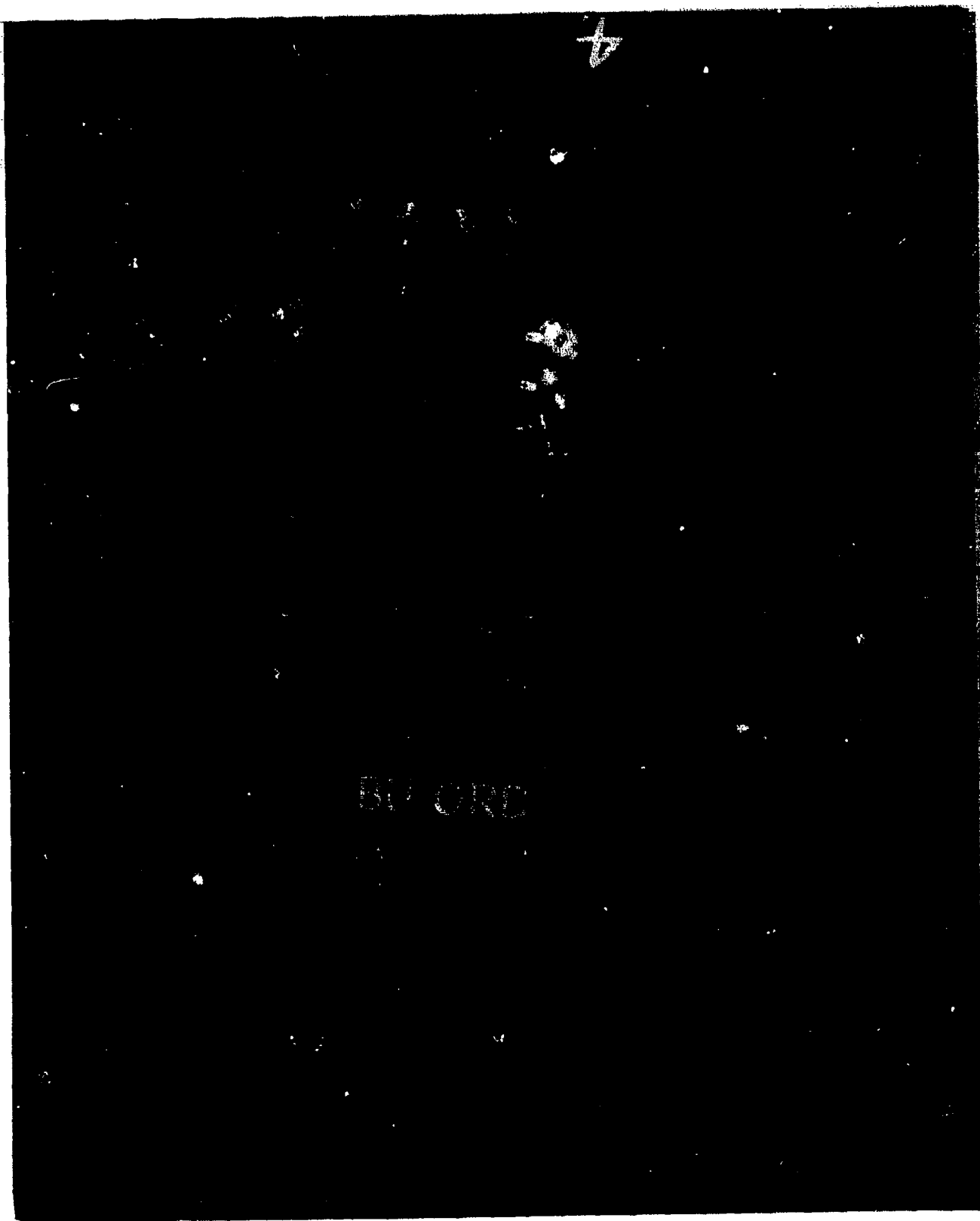
Page 155 of 249 pages. Volume III.



U.S.S. NAGATO (Ex-Jap BB) - After Able shows the Jet Assisted Take-off Unit. The Unit was a Service Unit being loaded with potassium perchlorate, asphalt, and oil. An igniter was not installed in the Unit for the Test. As seen in the photo, the Unit was subjected to falling debris. Since the Unit is considered unserviceable should it be dropped from a height of 3 ft. this decision was assumed. Although the wooden decks in the vicinity were slightly scorched the Unit exhibited no signs of excessive temperatures. An aircraft torpedo warhead, Mk. 13 may be seen in the background. Pre-test "A" picture BA-Ck-76-131-9 may be employed for comparison. Photo. No. AA-CR-87-2539-6.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PILOTFISH (SS-386) - Before Able  
Shows the 40 MM Ammunition in the Ready  
Service Locker.  
Photo. No. BA-CR-97-962-4.

ENCLOSURE

Enclosure (1) to Director Ship Material Serial 001500.



U.S.S. PILCTFISH (SS-386) - Before Able  
Shows the Pyrotechnic Storage in the  
Pyrotechnic Locker.  
Photo. No. BA-CR-97-962-9.

**SECRET**

Enclosure (L) to Director Ship Material Serial 001500.



U.S.S. SKATE (SS-305) - Before Able  
Shows the typical 5".0 magazine stowage.  
Photo. No. BA-CR-63-946-1

**S E C R E T**

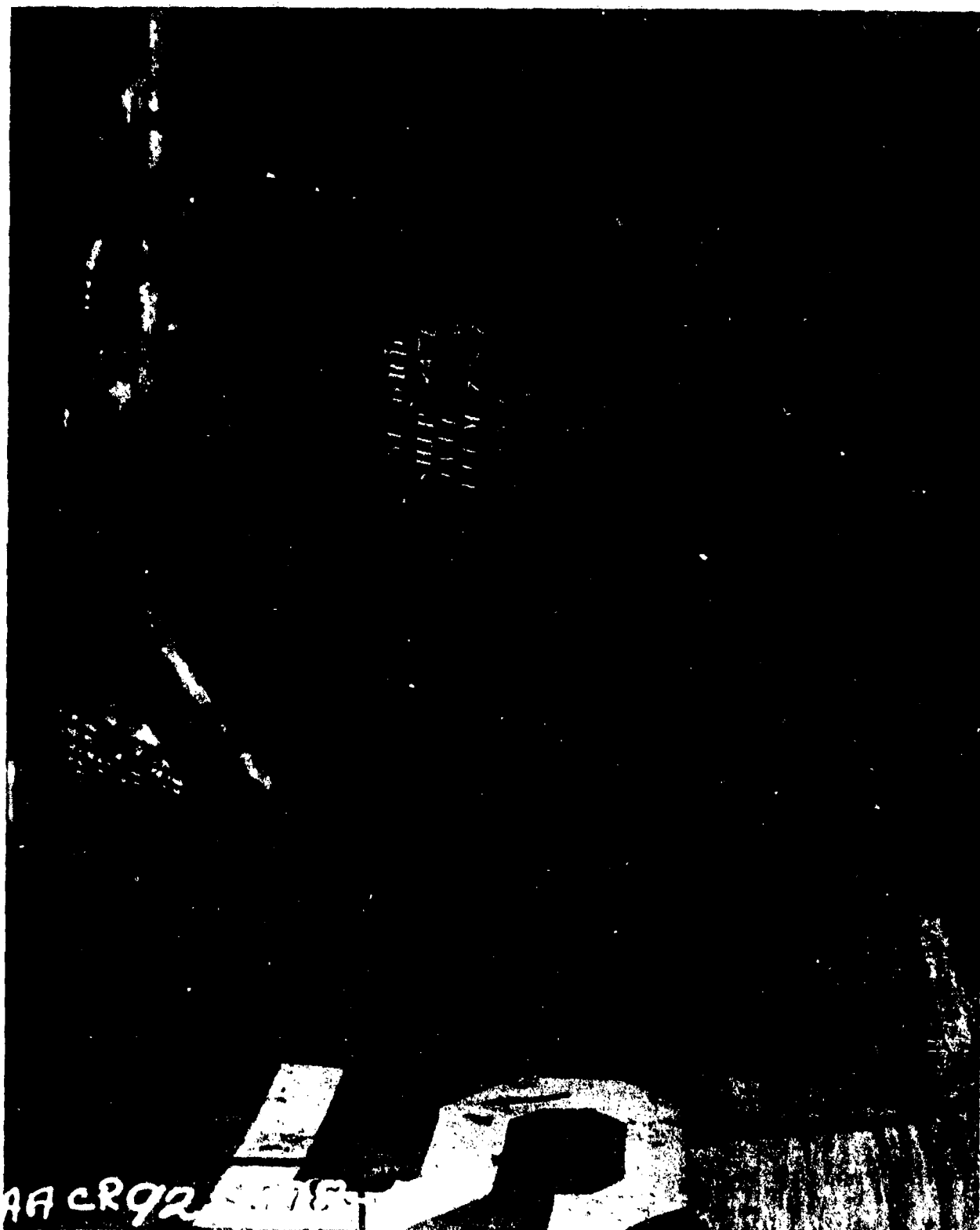
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SKATE (SS-305) - Before Able  
Shows the percentage of service allowance  
ammunition placed in the ready service locker  
for Test "A".  
Photo. No. BA-CR-63-946-2.

**S E C R E T**

Enclosure (E) to Director Ship Material Serial 001500.



U.S.S. SKATE (SS-305) - After Able  
Shows the condition of the 40 MM Ready  
Service Box after it had been subjected  
to terrific blast. Ammunition within the  
Ready Service Box remained unharmed.  
Photo. No. AA-CR-92-1778-7.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.

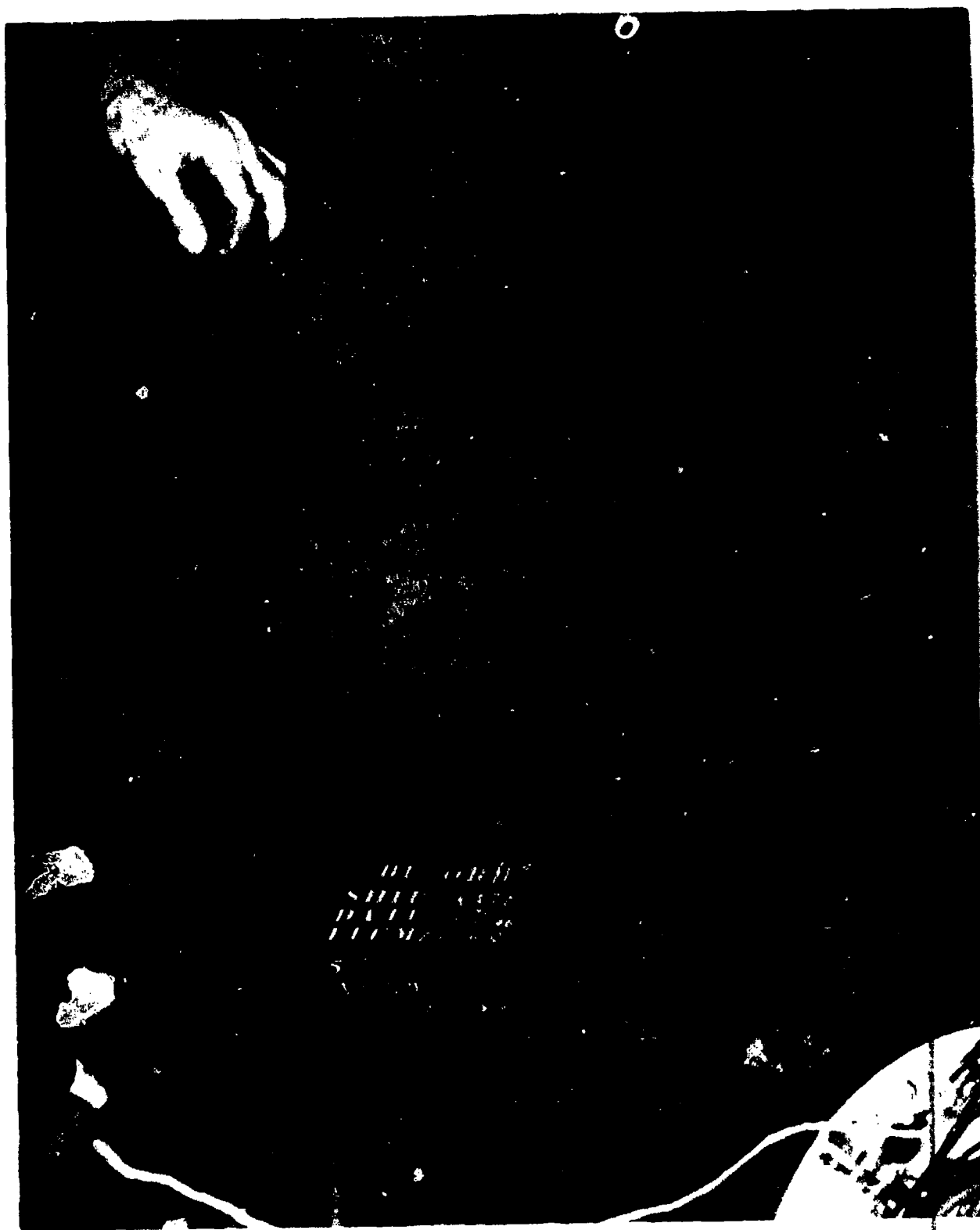


U.S.S. SKATE (SS-305) - After Able  
Shows the condition of the 40 MM Ready  
Service Box after it had been subjected  
to terrific blast. Ammunition within the  
Ready Service Box remained unharmed.  
Photo. No. AA-CR-92-1778-8.

SECRET

Enclosure (L) to Director Ship Material Serial 001500.

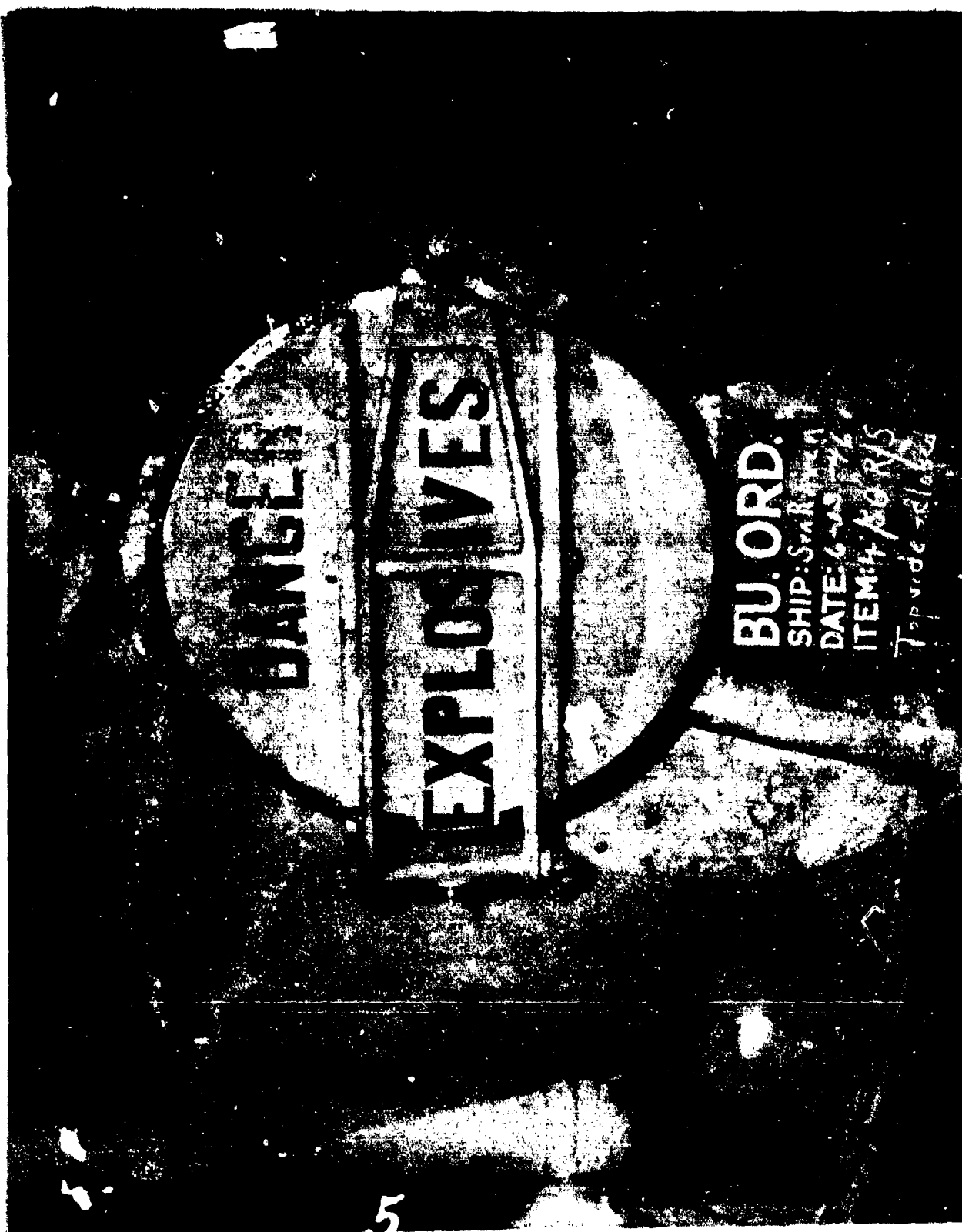




U.S.S. SKATE (SS-305) - After Able  
Shows the condition of the 5" Ready Service  
Box after it had been subjected to terrific  
blast. The Ammunition within the Ready Service  
Box remained unharmed.  
Photo. No. AA-CR-92-1778-9.

**S E C R E T**

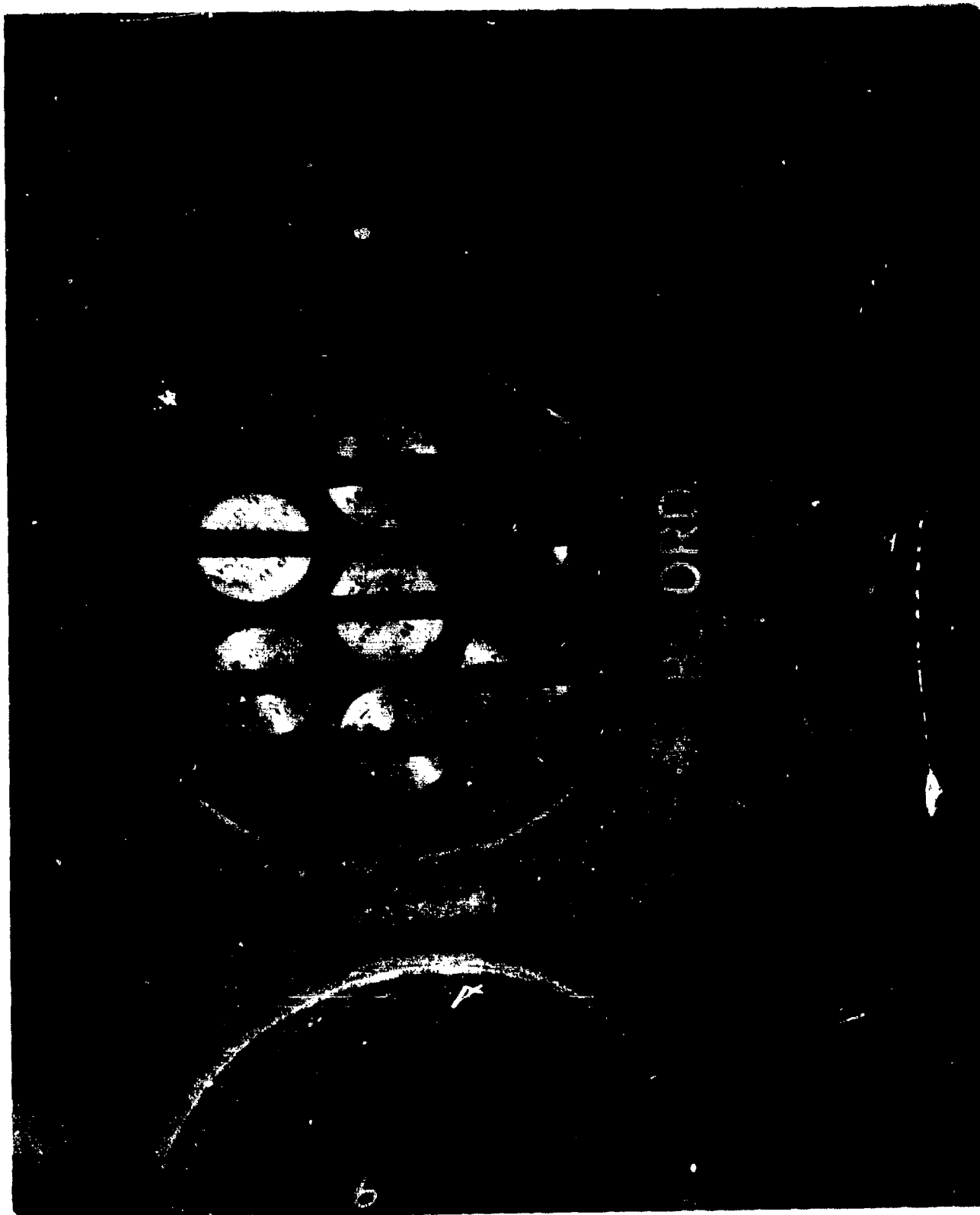
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SEARAVEN (SS-196) - Before Able  
Shows the 4"/50 Ready Service Locker in  
position for Test "A".  
Photo. No. BA-GR-97-589-5.

SECRET

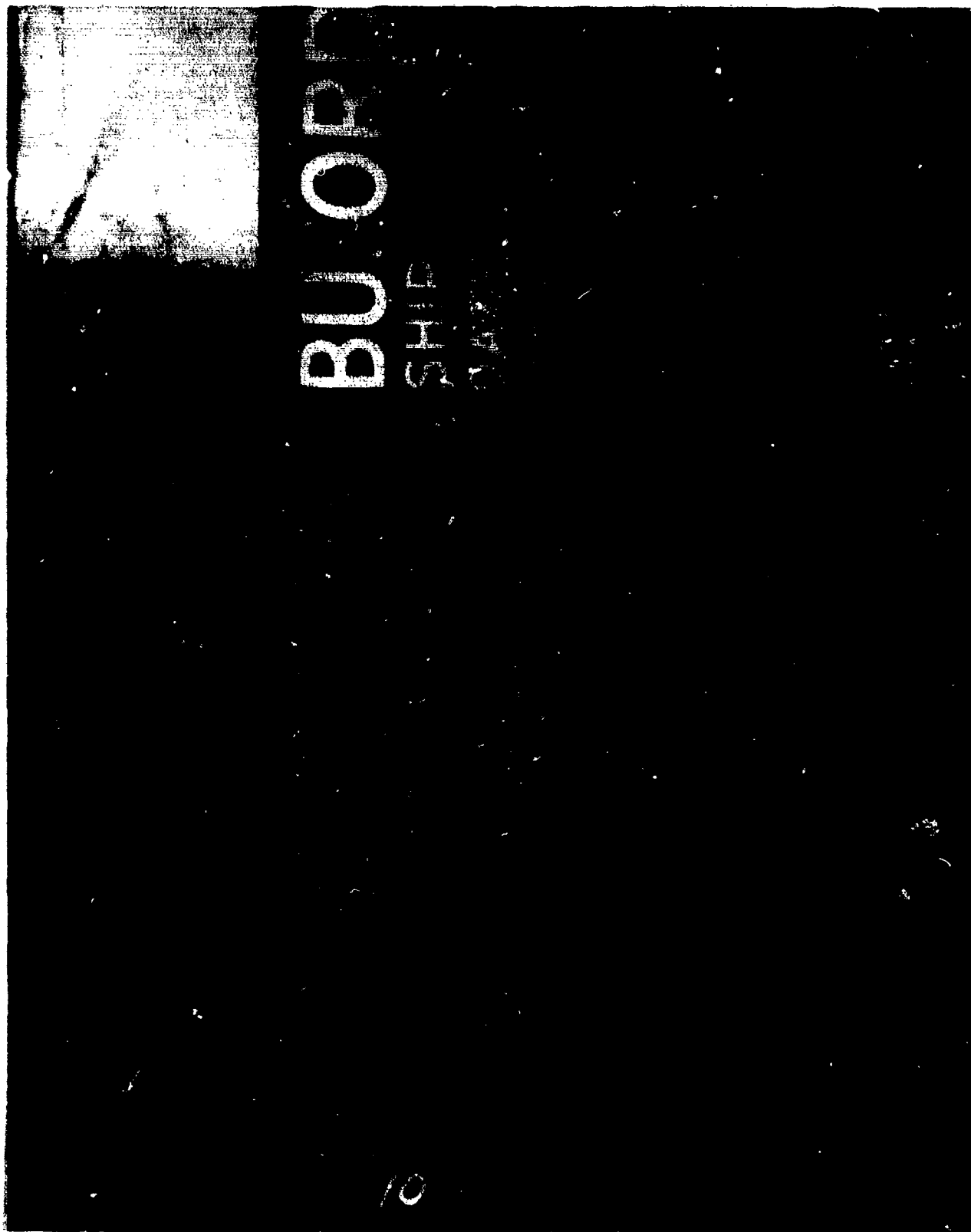
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SEARAVEN (SS-196) - Before Able  
Shows the 4"/50 Ammunition in the Ready  
Service Locker.  
Photo. No. BA-CR-97-589-6.

**SECRET**

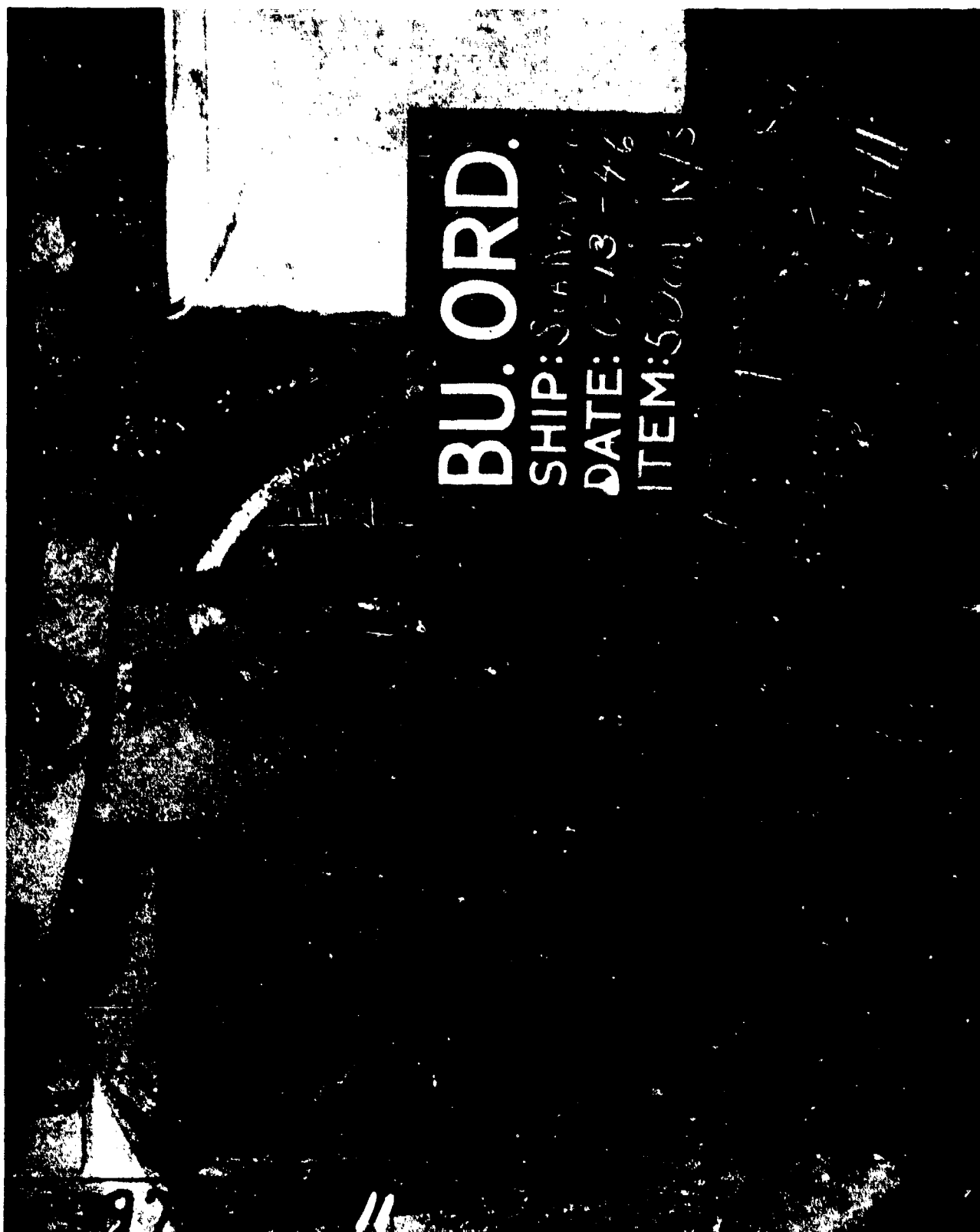
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SEARAVEN (SS-196) - Before Able  
Shows the 50 Cal., Ammunition in position.  
Photo. No. BA-CR-97-589-10.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SEARAVEN (SS-196) - Before Able  
Shows the 50 Cal., Ready Service Locker in  
the closed position.  
Photo. No. BA-CR-97-589-11.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SEARAVEN (SS-196) - Before Able  
Shows the 4"/50 Powder Stowage below the  
Crew's Mess in position.  
Photo. No. BA-CR-97-589-12.

SECRET

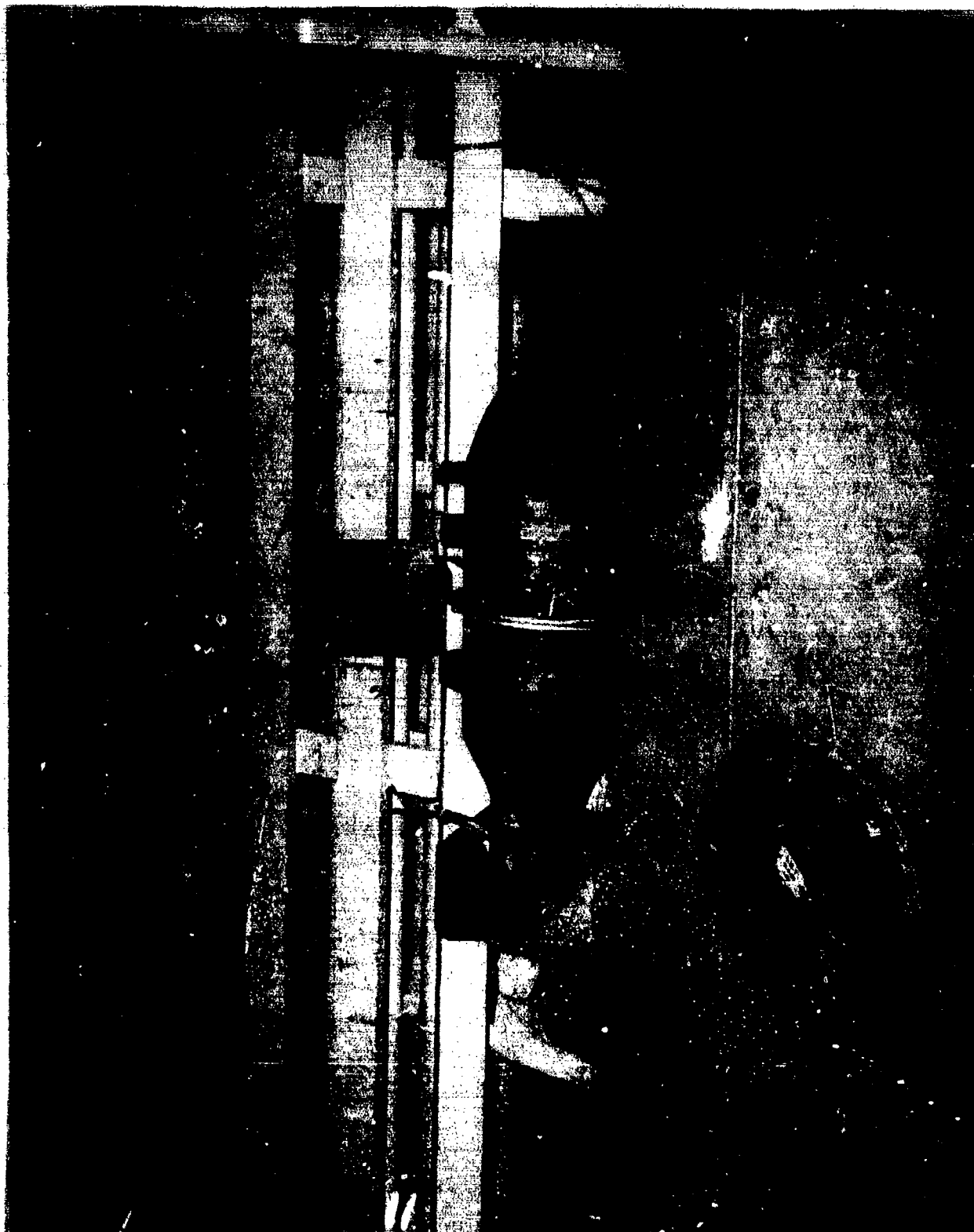
Enclosure (E) to Director Ship Material Serial 001500.



U.S.S. SEARAVEN (SS-196) - Before Able  
Shows the Mk. 2, 55 lb., TNT loaded,  
Demolition Charge in position.  
Photo. No. BA-Ck-97-962-2.

**SECRET**

Enclosure (1) to Director Ship Material Serial 001500.

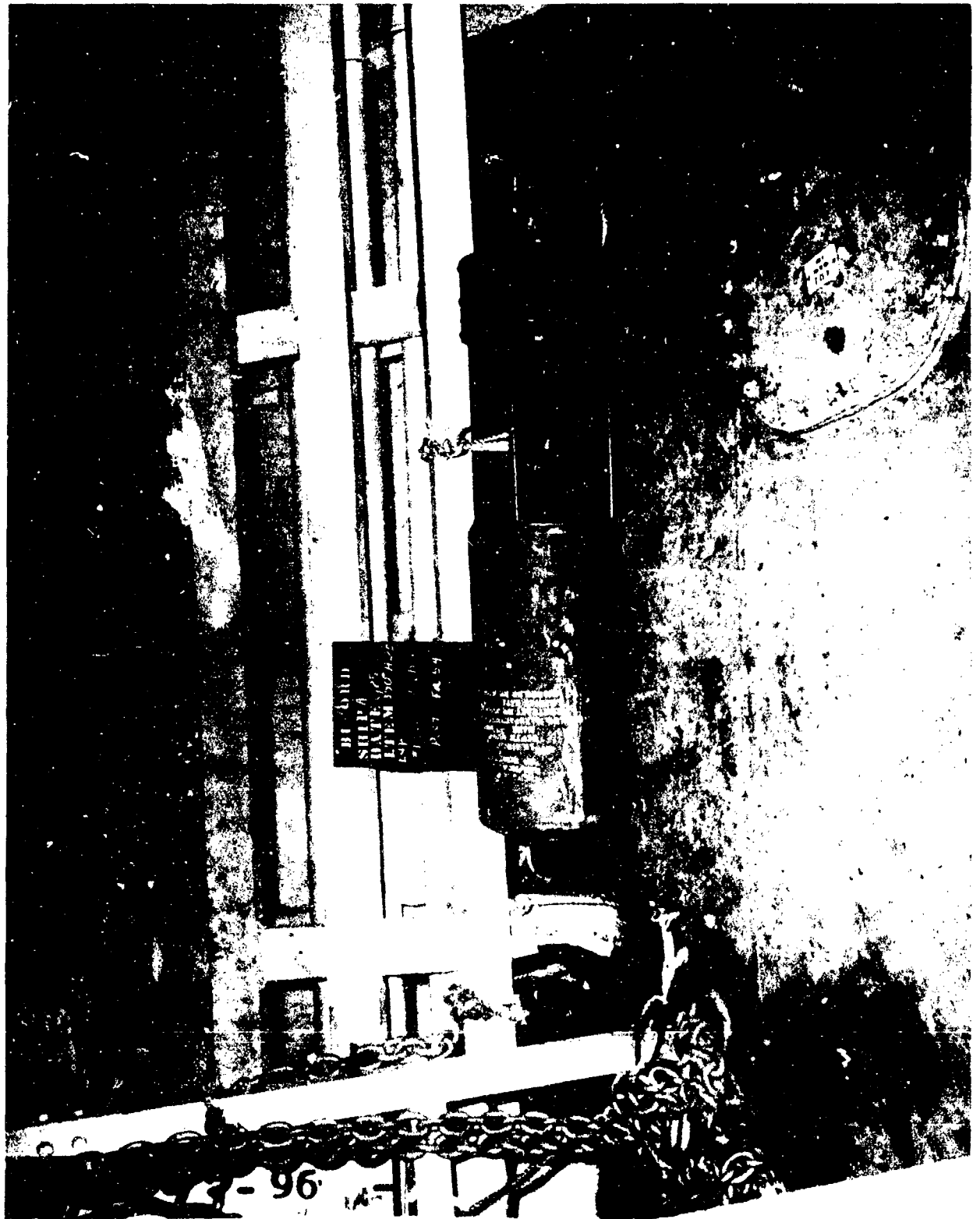


U.S.S. CARLISLE (APA-69) - Before Able  
Shows the 500 lb., general purpose, Aircraft Bomb,  
AN-M64A1, TNT loaded and plugged, in position prior  
to Test "A". The bomb was located in the No. 1 Cargo  
Hold, frame 54, atbd. side.  
Photo. No. BA-CR-93-96-11.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.





U.S.S. CARLISLE (APA-69) - Before Able  
Shows the 350 lb., Aerial Depth Bomb, AN-Mk. 54, Mod. 1,  
HBX loaded and plugged, in position prior to Test "A".  
The bomb was located in the No. 1 Cargo Hold, frame 54,  
port side.  
Photo. No. BA-CR-93-96-12.

S E C R E T

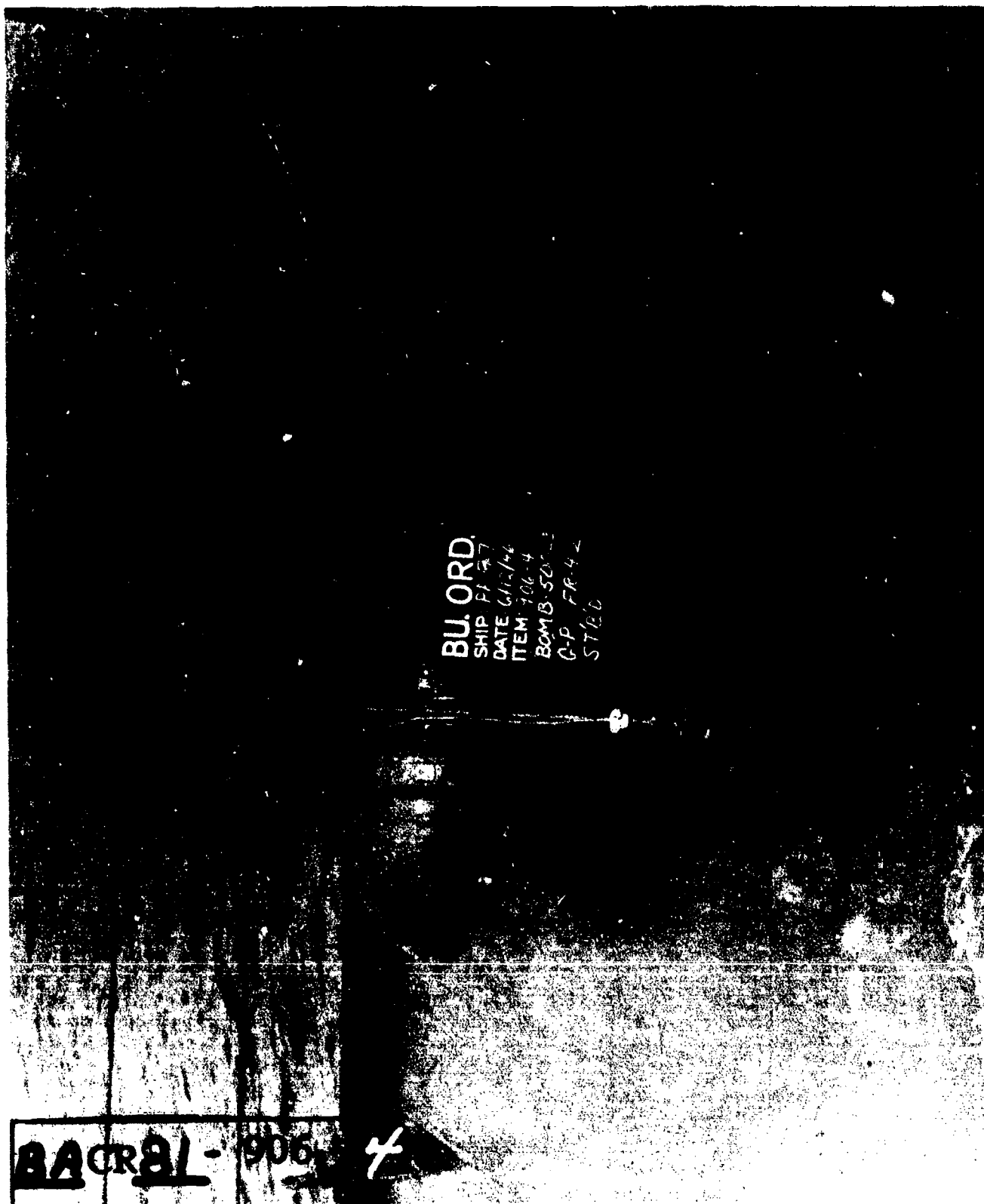
Enclosure (L) to Director Ship Material Serial 001500.



U.S.S. CRITTENDEN (APA-77) - Before Able  
Shows the 350 lb., aerial depth bomb, AN-Mk. 54, Mod. 1, HBX loaded and plugged,  
in position for Test "A". The bomb was located on the 01 deck, frame 45, port side.  
Photo. No. BA-CR-81-906-2.

S E C R E T

Enclosure (E) to Director Ship Material Serial 001500.



U.S.S. CRITTENDEN (APA-77) - Before Able  
Shows the 500 lb., general purpose, aircraft bomb, AN-M64A1, TNT loaded and plugged,  
in position for Test "A". This bomb was located on the 01 deck, frame 42, stbd. side  
Photo. No. BA-CR-81-906-4.

**S E C R E T**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. CRITTENDEN (APA-77) - After Able

Shows the final position of the 500 lb., general purpose, aircraft bomb, AN-M64A1, TNT loaded and plugged after it had been blown 12 feet aft and 7.2 feet inboard by the blast. The original position of the bomb was on the 01 deck, frame 42, stbd. side. The Tail Fin Assy. received negligible damage; indications of excessive temperatures were not present.

Photo. No. AA-CR-60-145-4.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. CRITTENDEN (APA-77) - After Able  
 Shows the final position of the 500 lb., general purpose, aircraft bomb, AN-M64A1, TNT loaded and plugged after it had been blown 12 feet aft and 7.2 feet inboard by the blast. The original position of the bomb was on the 01 deck, frame 42, stbd. side. The Tail Fin Assy. received negligible damage; indications of excessive temperatures were not present.  
 Photo. No. AA-CR-60-145-5.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. CRITTENDEN (APA-77) - After Able

Shows the 350 lb., aerial depth bomb, AN-Mk. 54, Mod. 1, HBX loaded and plugged after it had been torn from its securing cable and blown 6 feet inboard by the blast. The Tail Fin Assy. received extensive damage (beyond repair for personnel in the field) and the preservative paint on the bomb casing was slightly scorched by the heat flash of the A bomb. The original position of the bomb was on the 01 deck, frame 48, stbd., side.

Photo. No. AA-CR-60-145-6.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. CRITTENDEN (APA-77) - After Able  
Shows the 350 lb., aerial depth bomb, AN-Mk. 54, Mod. 1, HBX loaded and plugged after it had been torn from its securing cable and blown 6 feet inboard by the blast. The Tail Fin Assy. received extensive damage (beyond repair for personnel in the field) and the preservative paint on the bomb casing was slightly scorched by the heat flash of the "A" bomb. The original position of the bomb was on the 01 deck, frame 48, stbd. side.  
Photo. No. AA-CR-60-145-7.

**S E C R E T**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. CRITTENDEN (APA-77) - After Able .  
Shows the final position of the 500 lb., general purpose, aircraft bomb, AN-M64A1,  
TNT loaded and plugged, after it had been blown 12 feet aft and 7.2 feet inboard by  
the blast. The original position of the bomb was on the 01 deck, frame 42, stbd. side.  
The Tail Fin Assy. received negligible damage. Indications of excess temperatures  
were not present.  
Photo. No. AA-CK-98-1960-1.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.





U.S.S. BARROW (APA-61) - Before Able  
Shows the 5".0 Aircraft Rocket Heads,  
plaster loaded and fused, in position prior  
to Test "A". The storage of Rocket Heads as  
shown in this view was employed for all Special  
Test Rocket Heads of this type.  
Photo. No. BA-CR-93-128-1.

**SECRET**

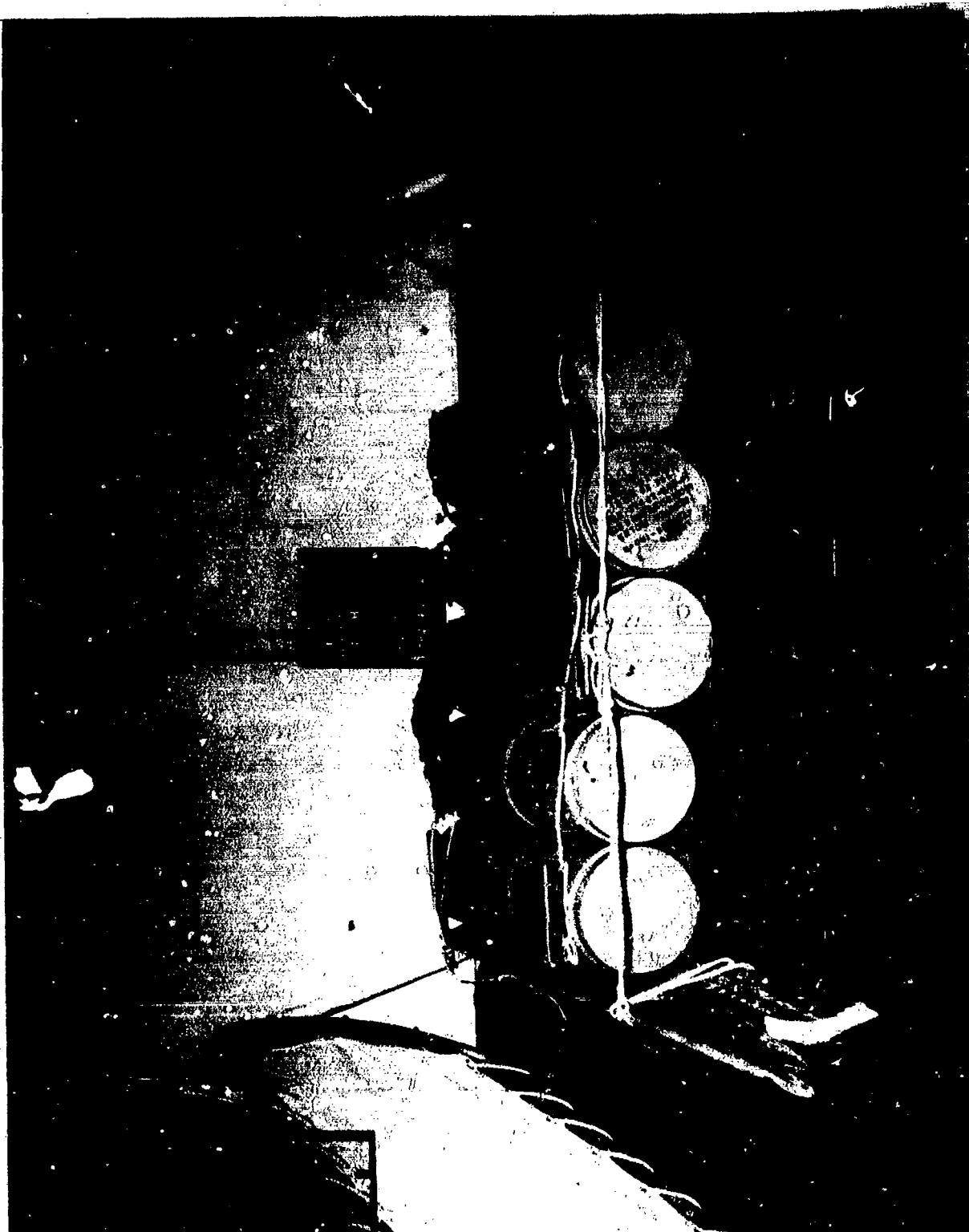
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. BUTTE, (APA-68) - Before Able  
Shows the Incendiary Bomb Clusters, AN-M12, in position for  
Test "A". The Clusters were located in the forward troop  
ammunition hold.  
Photo. No. BA-CR-93-128-3.

SECRET

Enclosure (1) to Director Ship Material Serial 001500.



U.S.S. GASCONADE (APA-85) - Before Able  
Shows the Incendiary Bomb Clusters, AN-M12  
in position for Test "A". The Clusters were  
located in compartment C-201-L. This location  
was selected for test purposes in order not to  
endanger instruments located in other parts of  
the vessel.  
Photo. No. RA-CR-93-128-5.

SECRET

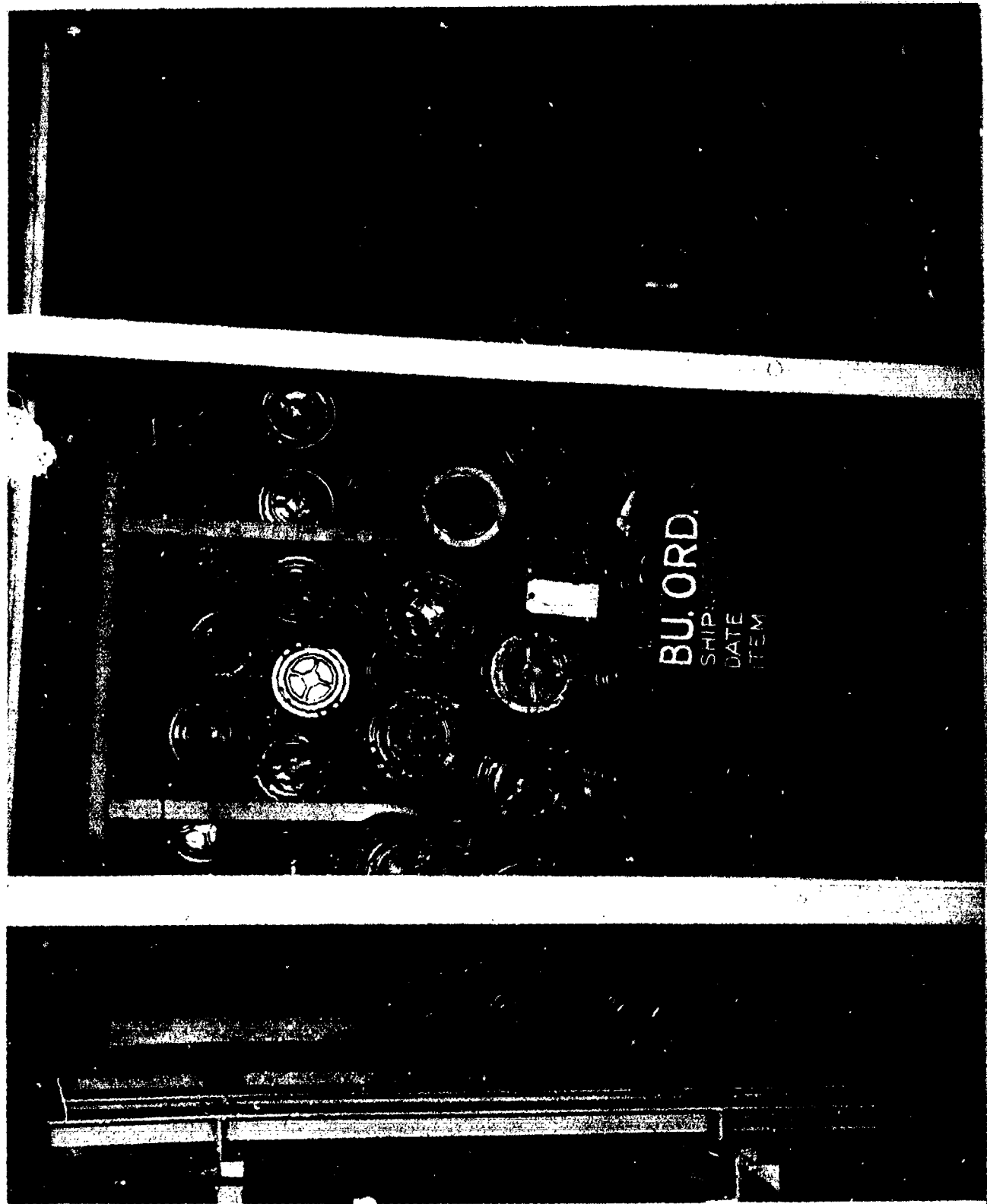
Enclosure (D) to Director Ship Material Serial 201500.



U.S.S. GASCONADE (APA-85) - Before Able  
Shows the 5"/38 projectile storage C-305-M.  
Photo. No. BA-CR-81-432-11.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. GASCONADE (APA-85) - Before Able  
Shows the 5"/38 powder magazine C-306-M.  
Photo. No. BA-CH-81-432-12.

**S E C R E T**

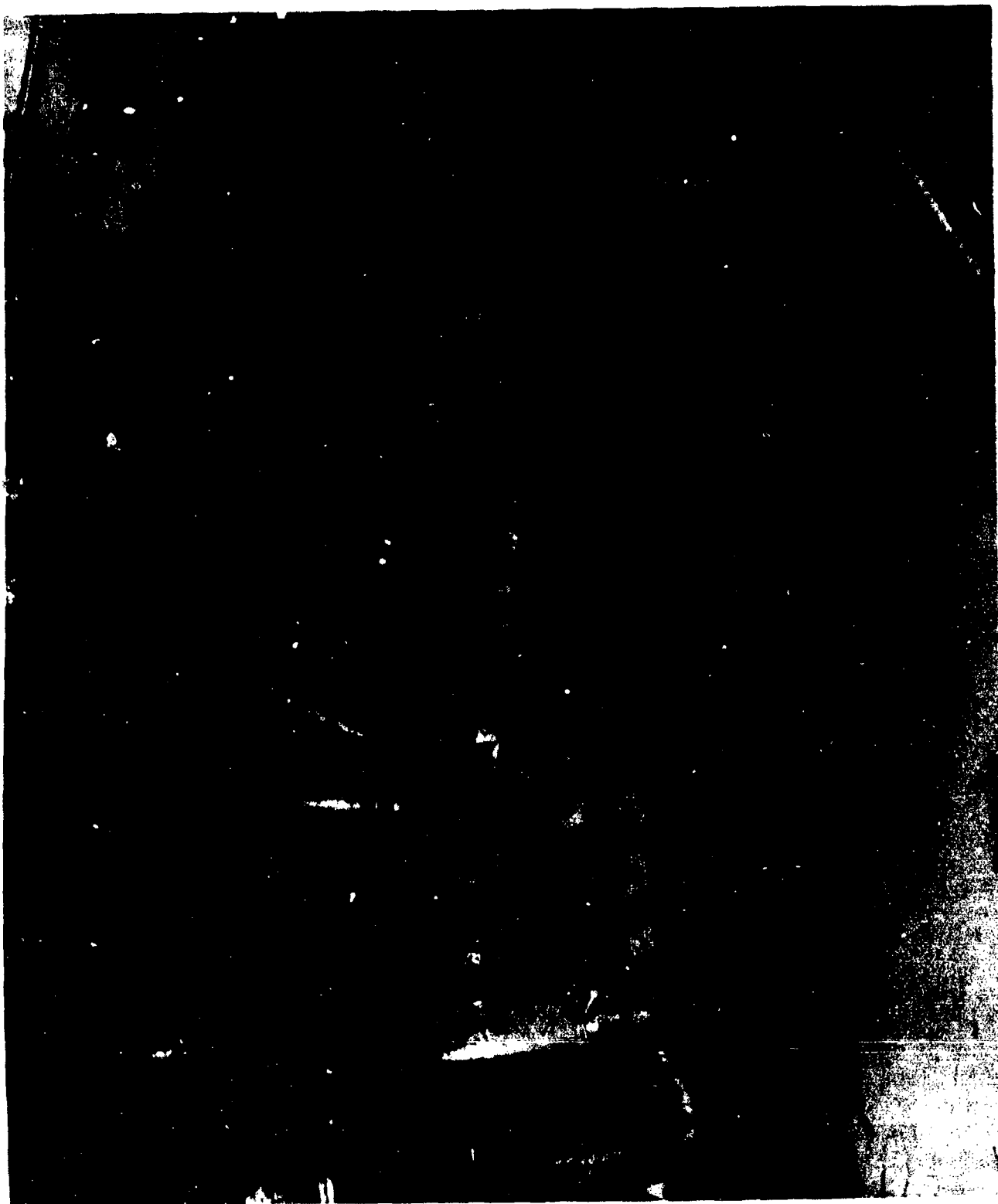
Enclosure (E) to Director Ship Material Serial 001500.



U.S.S. GASCONADE (APA-85) - Before Able  
Shows the 40 MM Clipping Room A-0104-M.  
Photo. No. BA-CR-81-433-3.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. GASCONDADE (APA-85) - After Baker  
Shows the effect of shock to the 5"/38  
projectile stowage in magazine, C-305-M.  
The failure of battens and stanchions was  
marked.  
Photo. No. AB-CR-100-4207-1.

**S E C R E T**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. GASCONADE (APA-85) - After Baker  
Shows the effect of shock to the 40 MM  
Ammunition Stowage in the Ready Service  
Room, C-0104-M. The failure of battens  
and stanchions was marked.  
Photo. No. AB-CR-100-4207-3.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

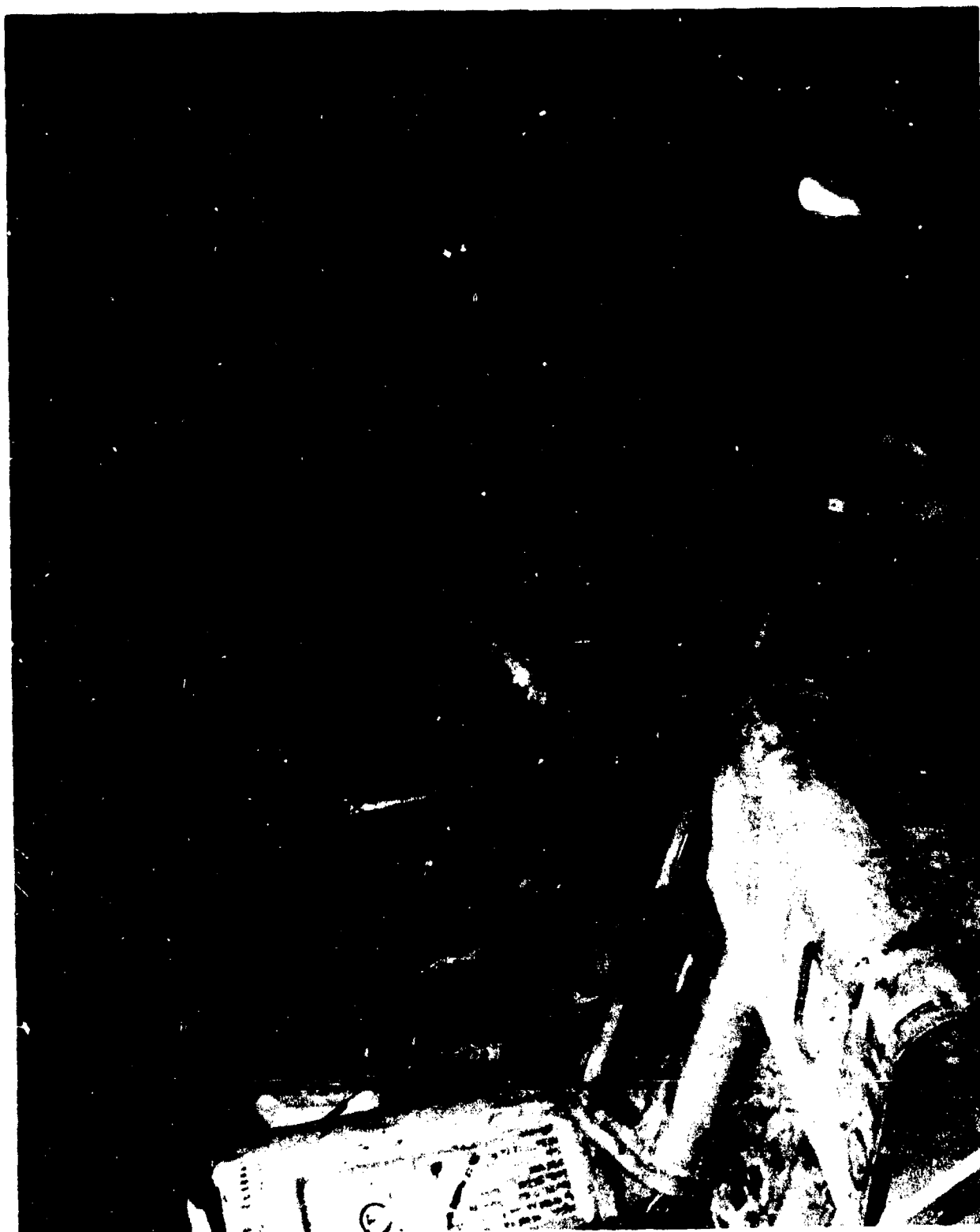




U.S.S. GASCONADE (APA-65) - After Baker  
Shows the effect of shock to the 40 MM  
Ammunition Stowage in the Ready Service  
Room, C-0101-M. The failure of battens  
and stanchions was marked.  
Photo. No. AB-CR-100-4207-4.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. GASCONADE (APA-85) - After Baker  
Shows the effect of shock to the 40 MM  
Ammunition Stowage in Magazine, C-404-M.  
The failure of battens and stanchions was  
marked.  
Photo. No. AB-CR-100-4207-5.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. GASCONADE (APA-85) - After Baker  
Shows the effect of shock to the 5"/38  
Projectile Storage in Magazine, C-305-M.  
The failure of battens and stanchions  
was marked.  
Photo. No. AB-CR-100-4210-11.

**SECRET**

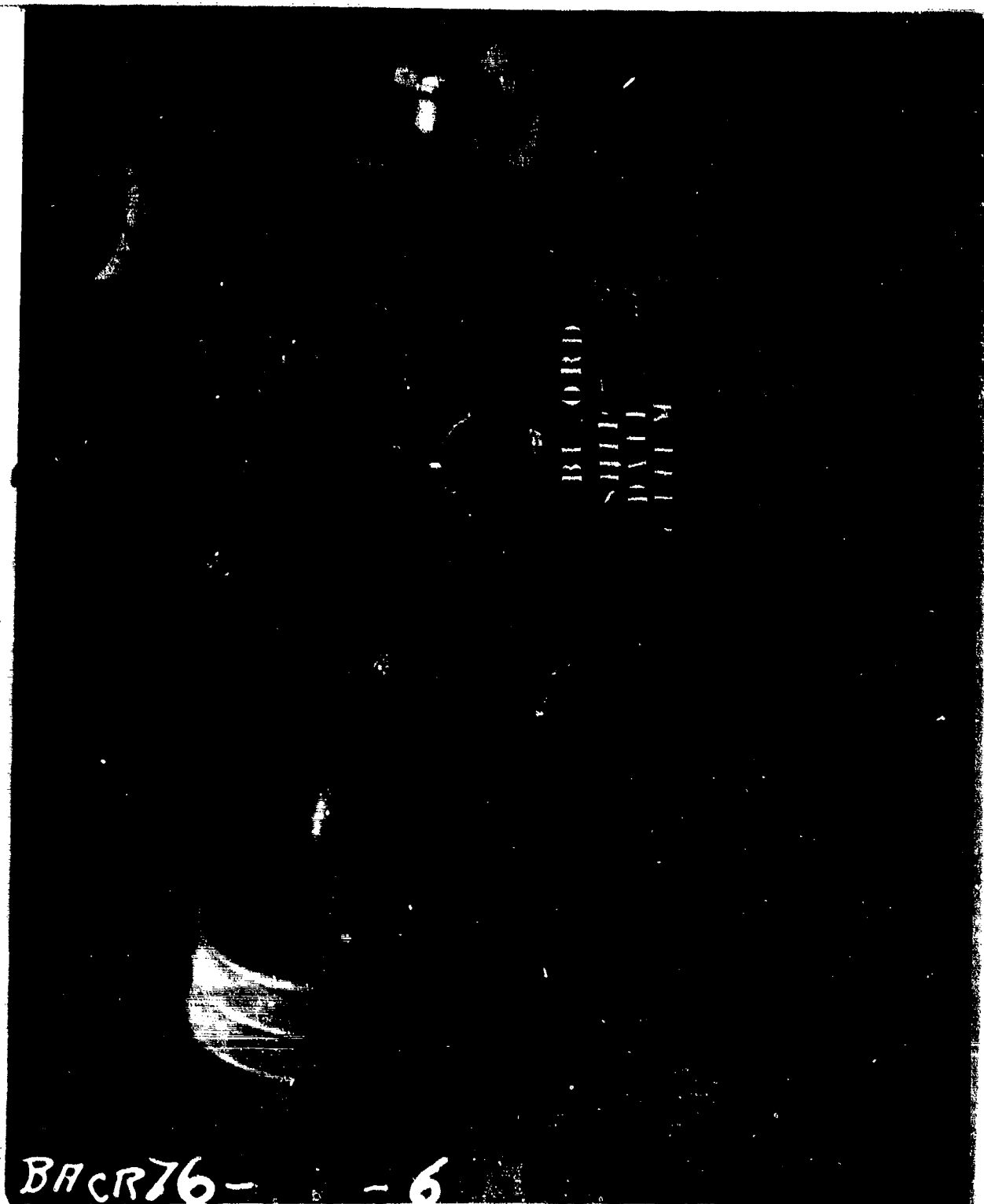
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. GASCONADE (APA-85) - After Baker  
Shows the effect of shock to the 5"/38  
Powder Stowage in Magazine, C-306-M.  
The failure of battens and stanchions  
was marked.  
Photo. No. AB-CR-100-4210-12.

**S E C R E T**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. CATRON (APA-71) - Before Able  
Shows the 350 lb., aerial depth bomb, AN-Mk. 54, Mod. 1, plaster loaded and fuze  
with a AN-Mk. 219 nose fuze and a AN-Mk. 230 Hydrostatic Tail Fuze secured in  
position for Test "A". The method of securing the bomb to the deck is typical of all  
aviation munitions exposed on the top sides of target vessels. The bomb was located  
on the 01 deck, frame 32, port side.  
Photo. No. BA-CR-76-129-6.

**SECRET**

Enclosure (D) to Director Ship Material Ser 1 0-1,000.

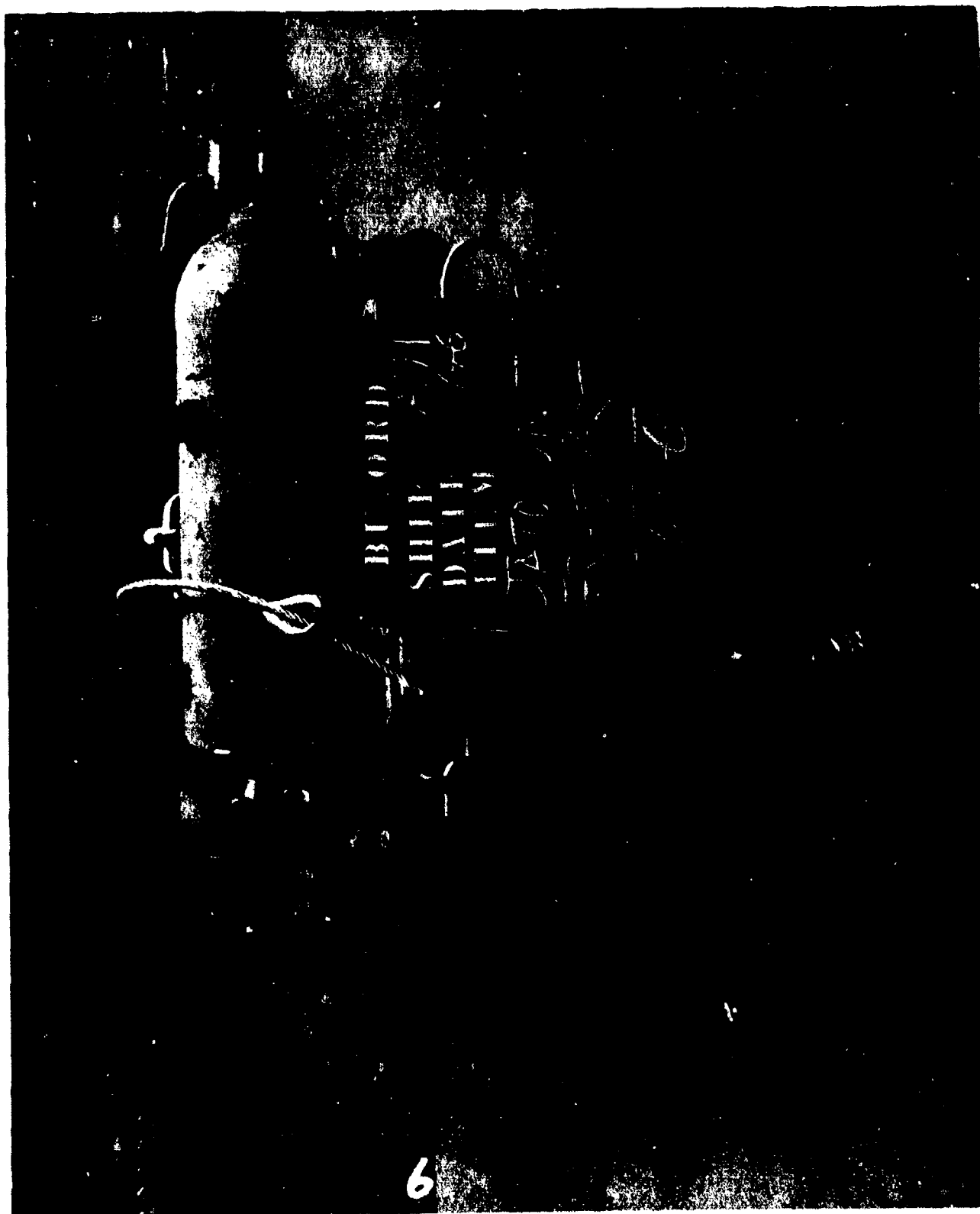


U.S.S. CATBON (APA-71) - Before Able

Shows the 500 lb., general purpose, aircraft bomb, AN-M64A1, plaster loaded and fused with a AN-M103 nose fuze and AN-M101A2 tail fuze in position for Test "A". The method of securing the bomb to the deck is typical of all aircraft munitions exposed on the top sides of target vessels. The bomb was located on the 01 deck, frame 32, stbd. side. Photo. No. BA-CR-76-129-7.

**SECRET**

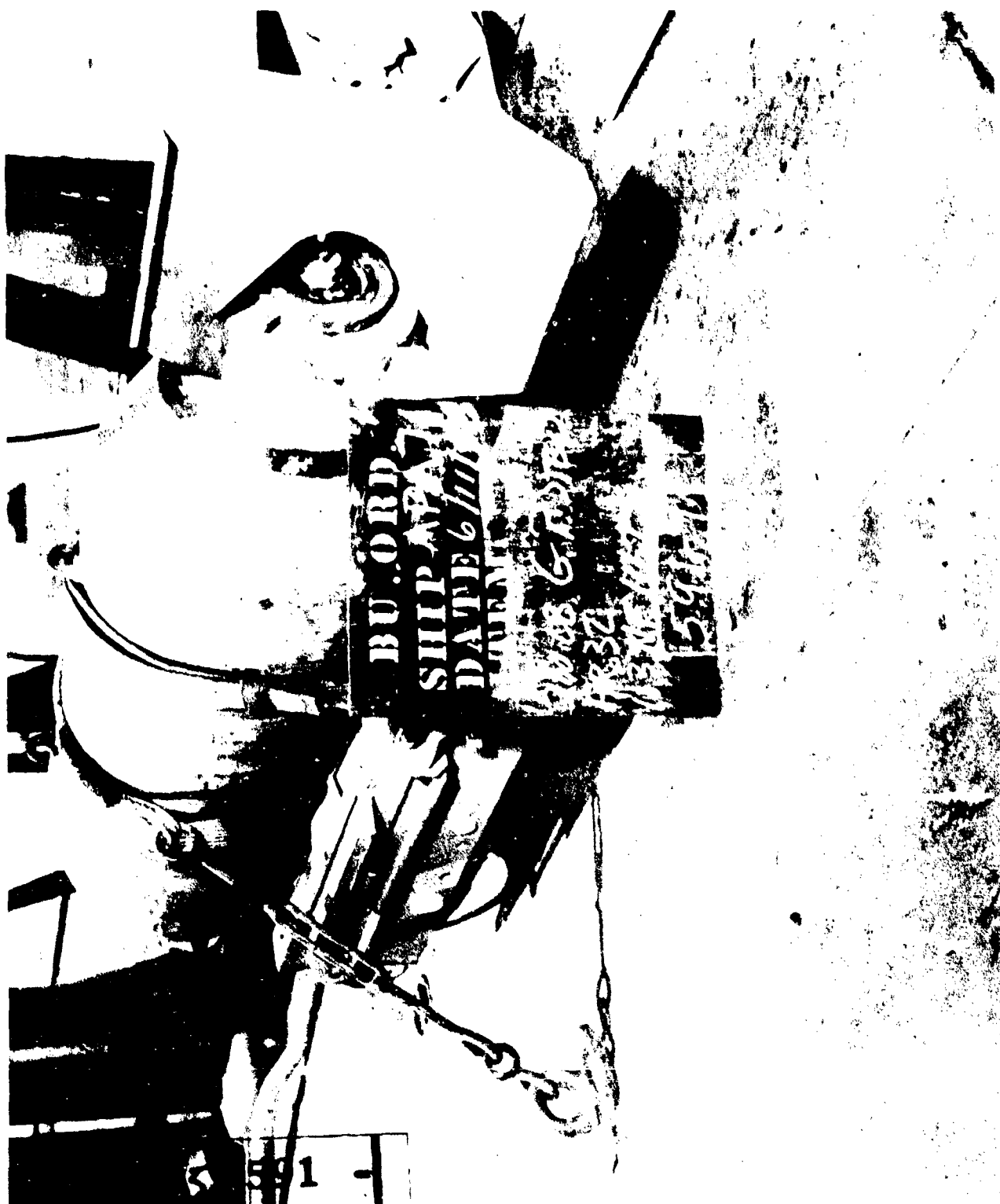
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. CATRON (APA-71) - Before Able  
Shows the Jet Assisted Take-off Unit, 12AS1000E, potassium  
perchlorate, asphalt, and oil loaded, in position prior to  
Test "A".  
Photo. No. BA-CR-85-591-6.

SECRET

Enclosure (E) to Director Ship Material Serial 001500.

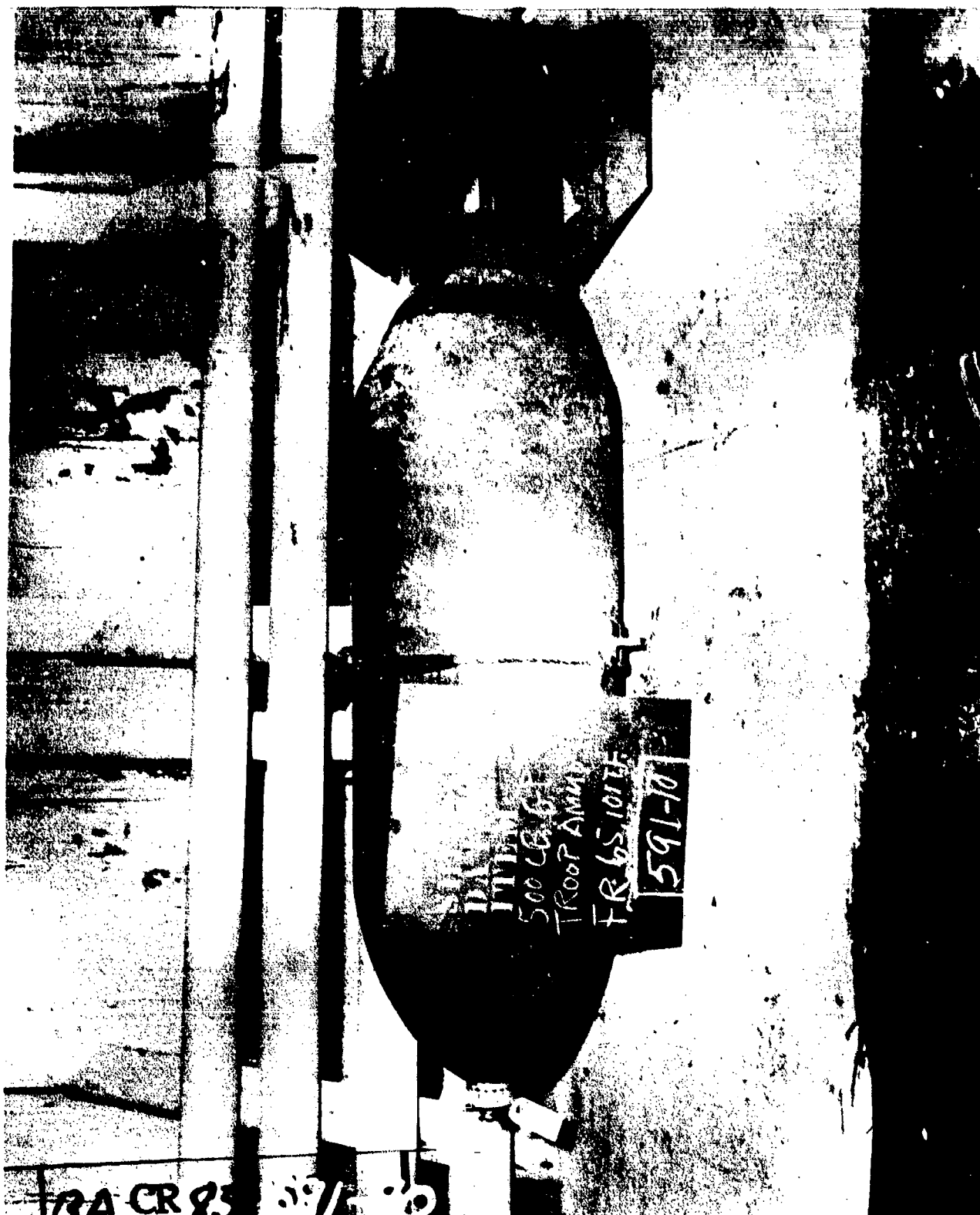


U.S.S. CATRON (AFA 71) - Before Able  
Shows the stern view 500 lb., general purpose, aircraft bomb, AN-M6A1, plaster loaded  
and fuze with a AN-103 nose fuze and M-116 tail fuze. The method of securing the  
bomb to the deck is typical of all aircraft munitions exposed of the top sides of  
target vessels. The bomb was located on the 01 deck, frame 32, stbd. side.  
Photo. No. BA-CR-85-591-9.

ENCLOSURE

Enclosure (1) to Director Ship Material Serial 001500.





U.S.S. CATRON (APA-71) - Before Able  
Shows the 500 lb., general purpose, aircraft bomb, AN-M6A1,  
plaster loaded and fused: AN-M103 Nose Fuze; AN-M 102A2 Tail  
Fuze, in position prior to Test "A".  
Photo. No. BA-CR-85-591-10.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. CATRON (APA-71) - Before Able  
Shows the 350 lb., Aerial Depth bomb, AN-Mk. 54, Mod. 1,  
plaster loaded and fused: AN-M103A1 Nose Fuze; AN-Mk. 230-6  
Hydrostatic Tail Fuze, in position prior to Test "A".  
Photo. No. BA-CR-85-591-12.

ENCLOSURE

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. CATRON (APA-71) - Before Able  
Shows the 5" O Aircraft Rocket Heads, plaster loaded  
and fuze, in position prior to Test "A".  
Photo. No. BA-CK-85-592-1.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



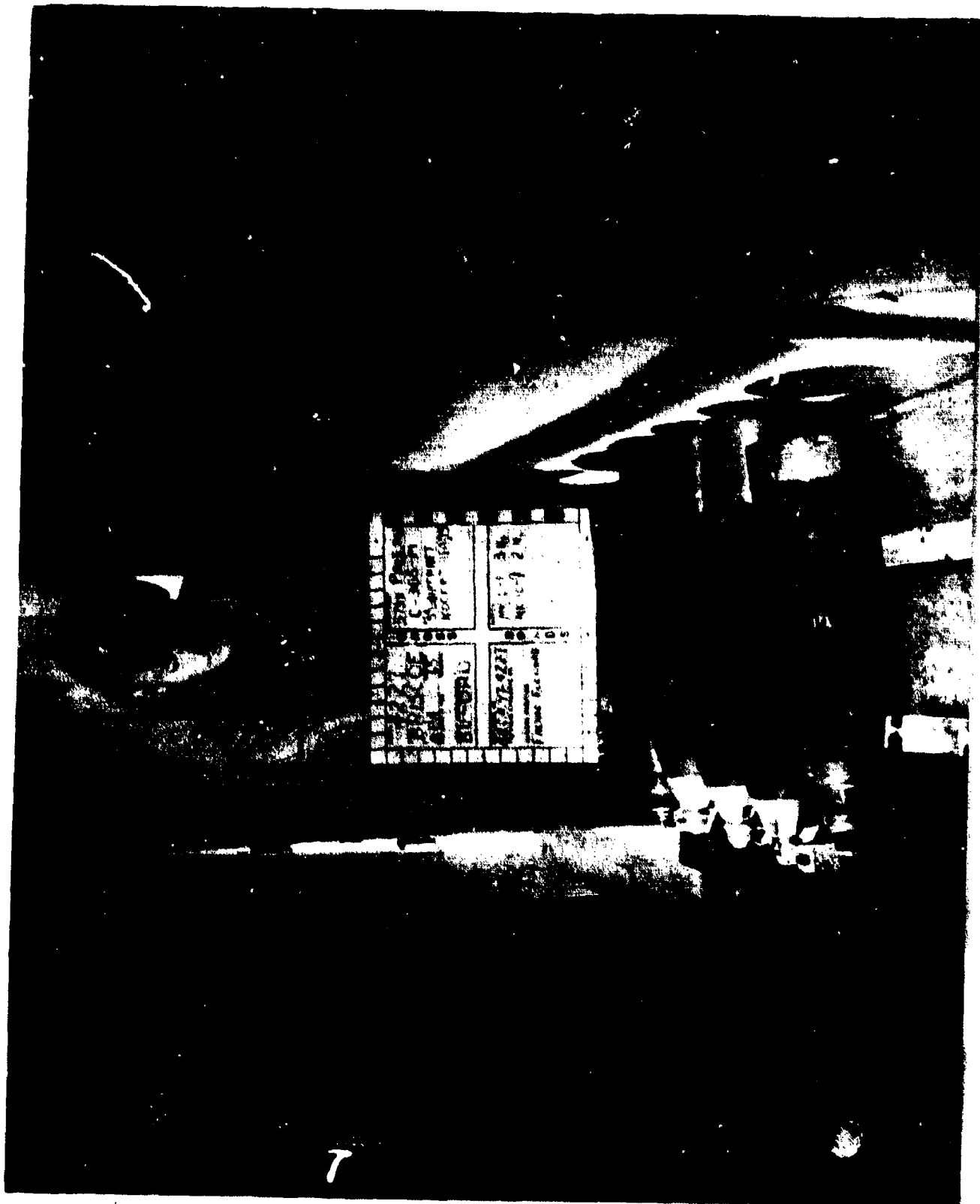
U.S.S. BLADEN (APA-63) - Before Able

Shows the typical arrangement of the display of aircraft munitions and a floating Mine employed in both tests "A" and "B" on APA's. Not the following: 350 lb., aerial depth bomb frame 32, port; Jet Assisted Take-off Unit, frame 45, port; 500 lb., general purpose, aircraft bomb, frame 32, stbd.; Floating Mine, Mk. 6, frame 34, stbd.

Photo. No. BA-CR-76-298-4.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. BRISCOE (APA-65) - Before Able  
Shows the 5" 0 Aircraft Rocket Heads, plaster loaded  
and fuzeed, in position prior to Test "A".  
Photo. No. PA-CR-97-422-7.

SECRET

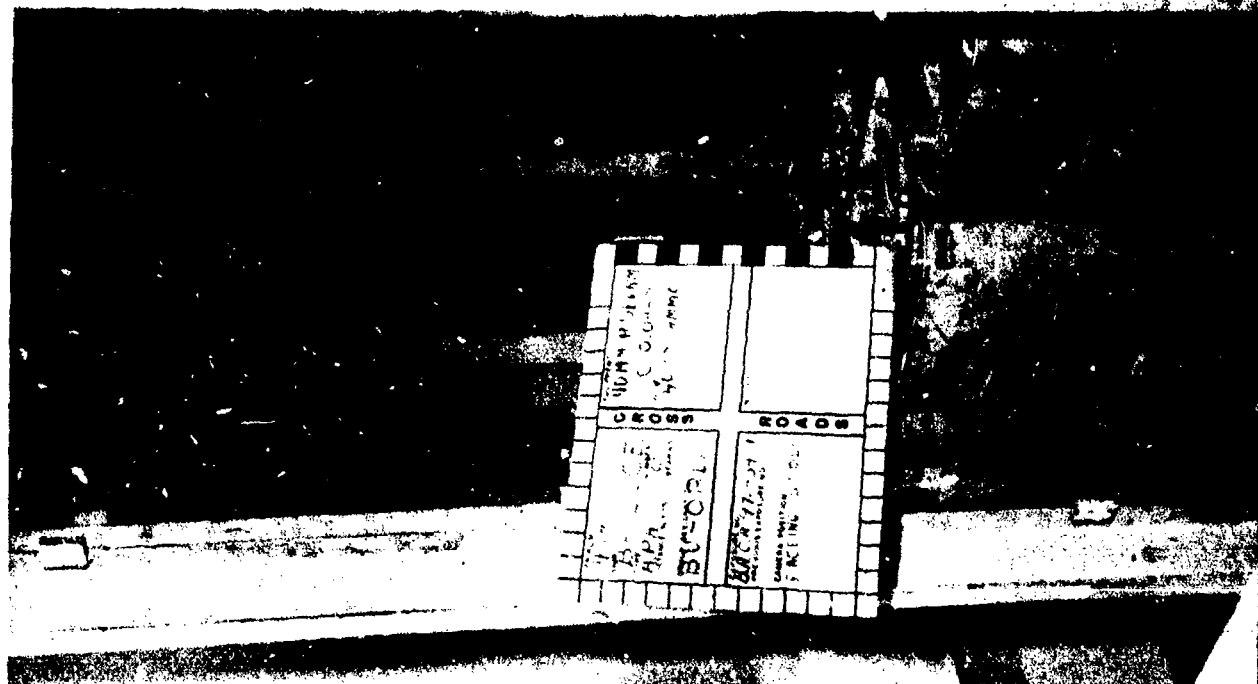
Enclosure (1) to Director Ship Material Serial 001500.



U.S.S. BRISCOE (APA-65) - Before Able  
Shows the 20 MM Clipping Room, B-0309-M prior to  
Test "A".  
Photo. No. BA-CR-97-422-8.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.



3A.CR 97- 454 -

U.S.S. BRISCOE (APA-65) - Before Able  
Shows the 40 MM Ready Service Room, C-0104-M prior  
to Test "A".  
Photo. No. BA-CR-97-454-1.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

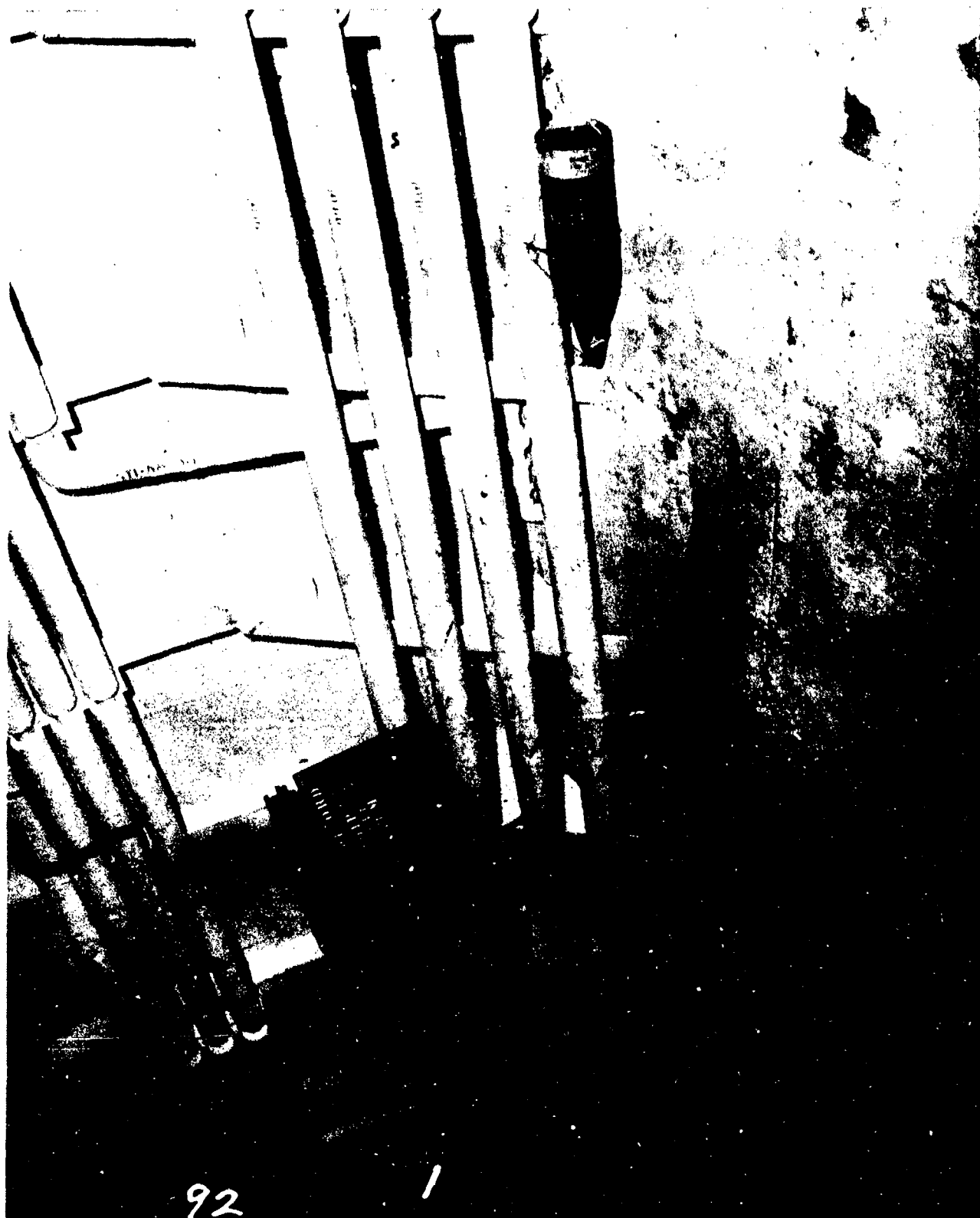


U.S.S. BRISCOE (APA-65) - Before Able  
Shows the 40 MM Magazine, C-302-M prior to Test "A".  
Photo. No. BA-CR-97-454-5.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.





U.S.S. BRISCOL (APA-65) - After Able  
Shows the 5".0 Aircraft Rocket Heads after Test "A".  
The Rocket Heads were plaster loaded and fuzeed and  
remained unharmed during Test "A".  
Photo. No. AA-CR-92-1776-1.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. BRISCOE (APA-65) - After Baker  
 Shows the effect of shock to the 20 MM Magazine Ready Service Stowage in the 20 MM  
 Clipping Room, E-0109-M. A feasible securing device should be provided for the racks  
 holding the loaded Magazines to prevent them from becoming disengaged when subjected  
 to a violent upward movement.  
 Photo. No. AB-CR-97-4046-3.

SECRET

Enclosure (1) to Director Ship Material Serial 001500.



U.S.S. BRISCOE (APA-65) - After Baker  
Shows the effect of shock to the 40 MM Ammunition Stowage  
in the 40 MM Ready Service Room, C-0104-M. The failure  
of battens and stanchions was marked.  
Photo. No. AB-CR-97-4046-4.

**SECRET**

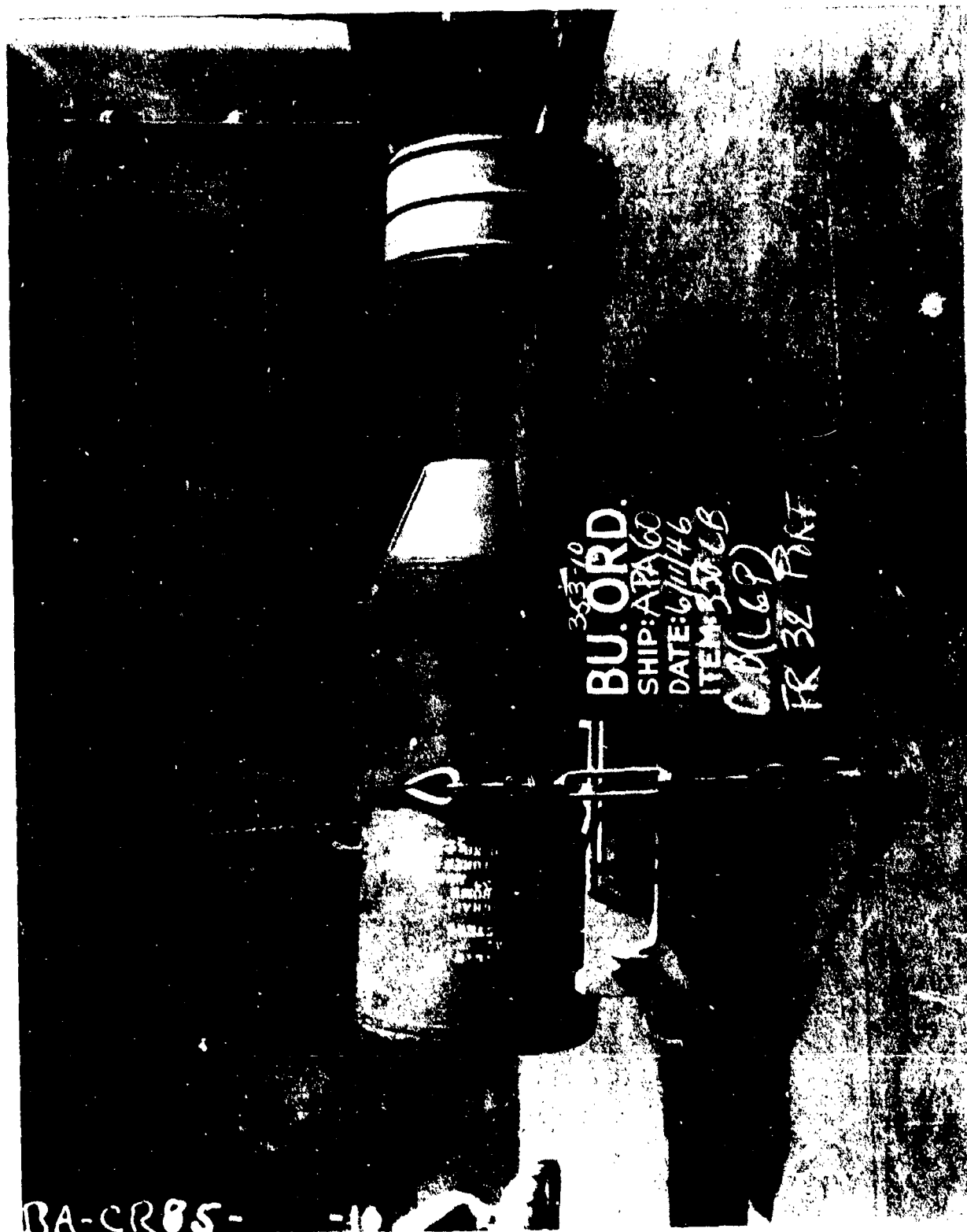
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. BANNER (APA-60) - Before Able  
Shows the 500 lb., general purpose,  
aircraft bomb, AN-M64A1, TNT loaded and with  
shipping plugs in place, in position prior  
to Test "A". The securing arrangement to  
the deck as seen in the photo was employed for  
all aircraft munitions exposed on weather decks.  
Photo. No. BA-CR-85-353-9.

SECRET

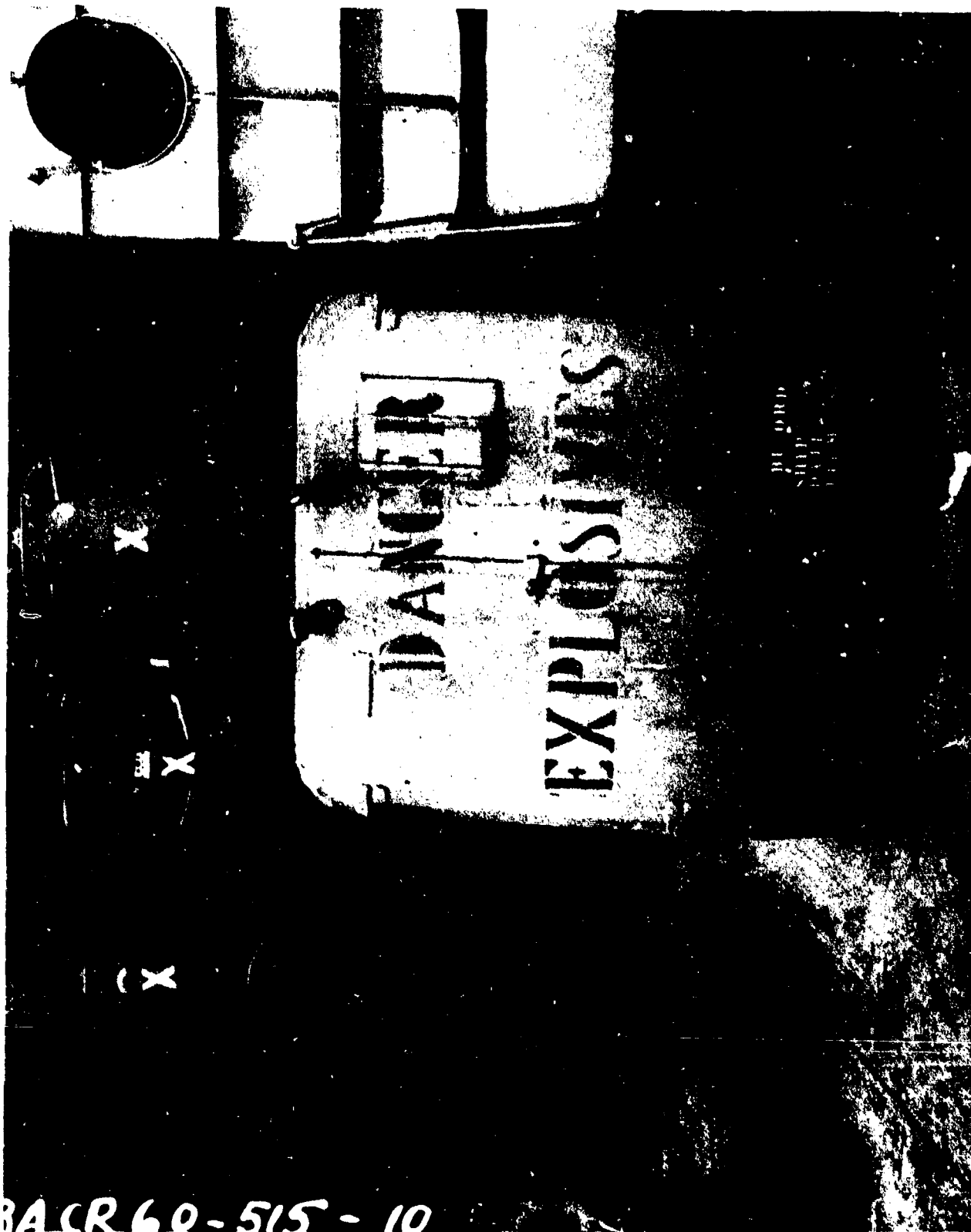
enclosure (1) to Director Ship Material Serial 001500.



U.S.S. BANNER (APA-60) - Before Able  
Shows the 350 lb., Aerial Depth Bomb,  
AN-Mk. 54, Modl, HBA loaded and with  
shipping plugs in place, in position  
prior to Test "A". The securing arrangement  
as seen in the photo was employed for all  
Aircraft Munitions exposed on weather decks.  
Photo. No. BA-CR-85-352-10.

SECRET

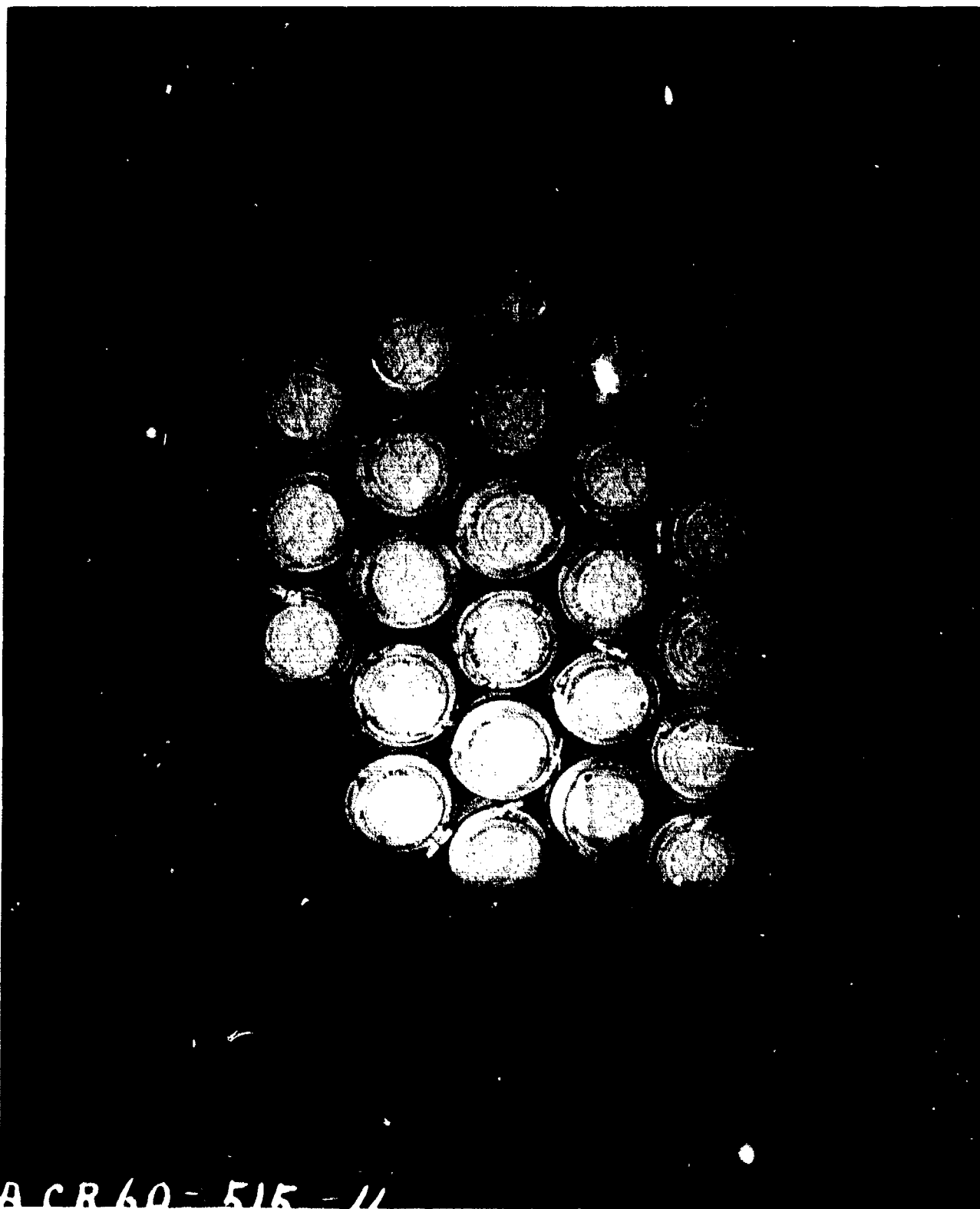
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. FALLON (APA-81) - Before Able  
Shows the 5"/38 Ready Service Powder Box and its  
condition of readiness prior to Test "A".  
Photo. No. BA-CR-60-515-10.

**SECRET**

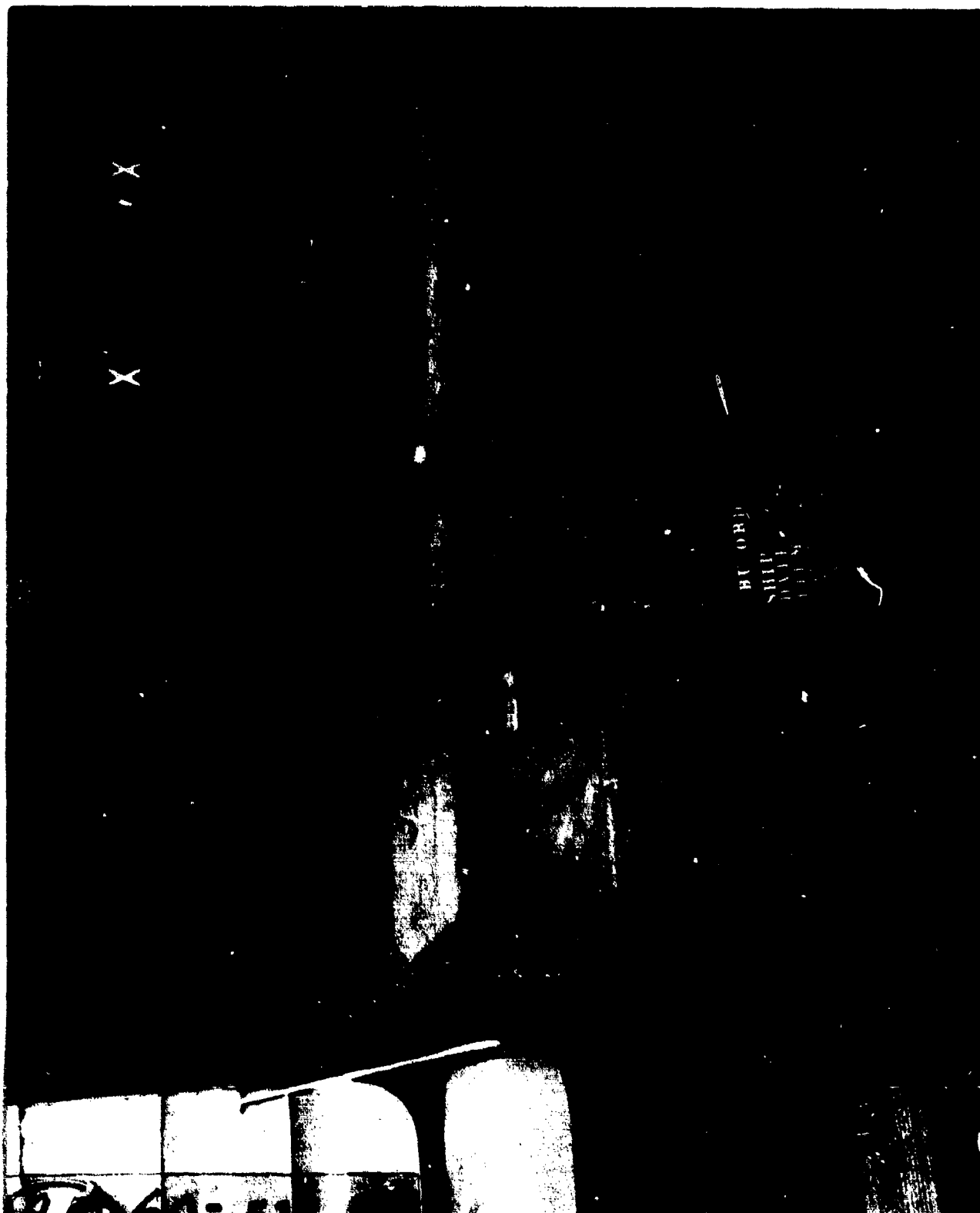
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. FALLON (APA-81) - Before Able  
Shows the 5"/38 Powder Stowage in the Ready Service  
Box prior to Test "A".  
Photo. No. BA-CR-60-515-11.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.

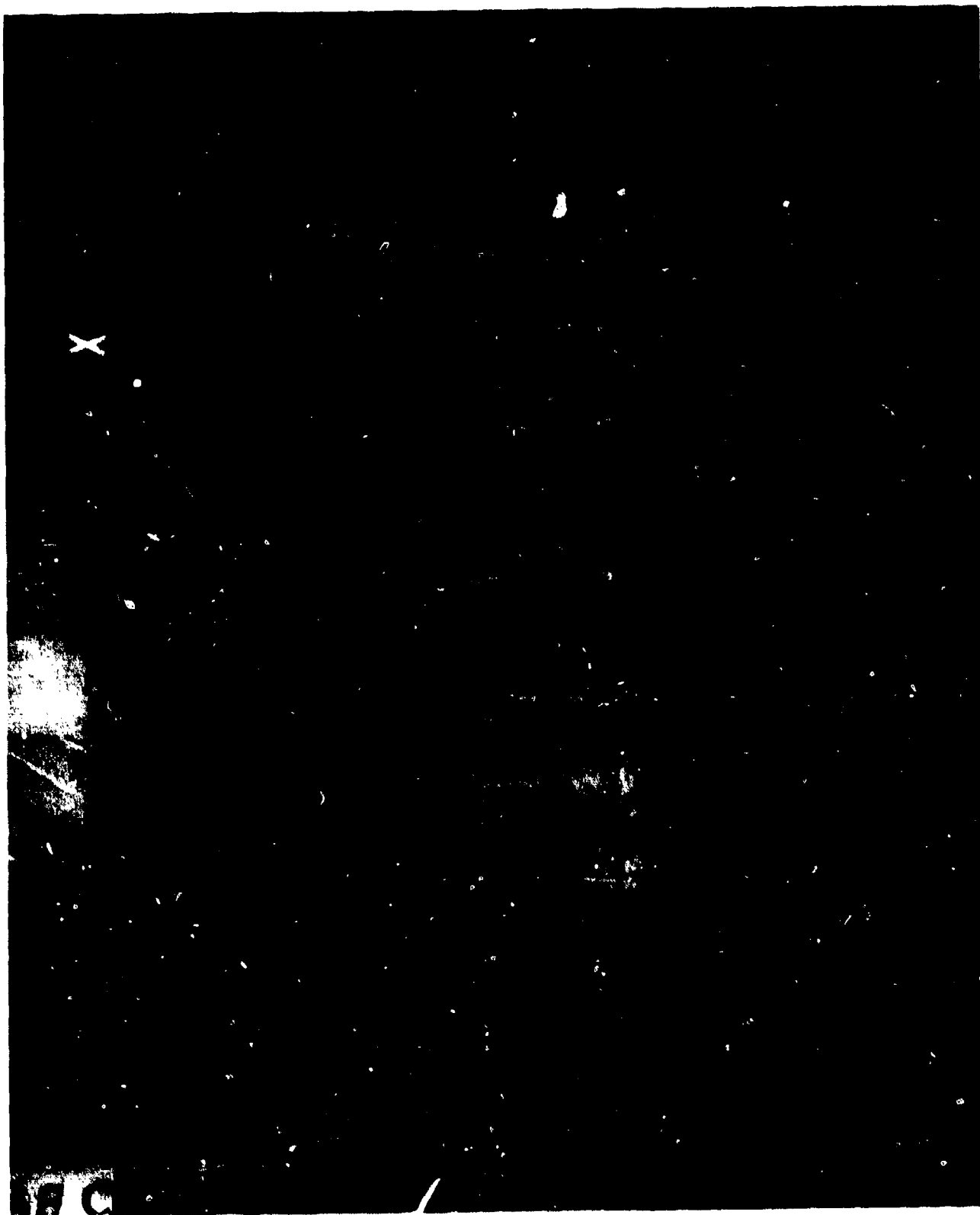


U.S.S. FALLON (APA-81) - Before Able  
Shows the condition of readiness of the 5"/38  
Ready Service Boxes prior to Test "A". All  
ammunition is Service Ammunition.  
Photo. No. BA-CR-60-515-12.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.





U.S.S. FALLON (APA-81) - Before Able  
Shows the 5"/38 Projectile Stowage in the Ready  
Service Boxes prior to Test "A". All ammunition  
is Service Ammunition.  
Photo. No. NA-CR-60-516-1.

SECRET

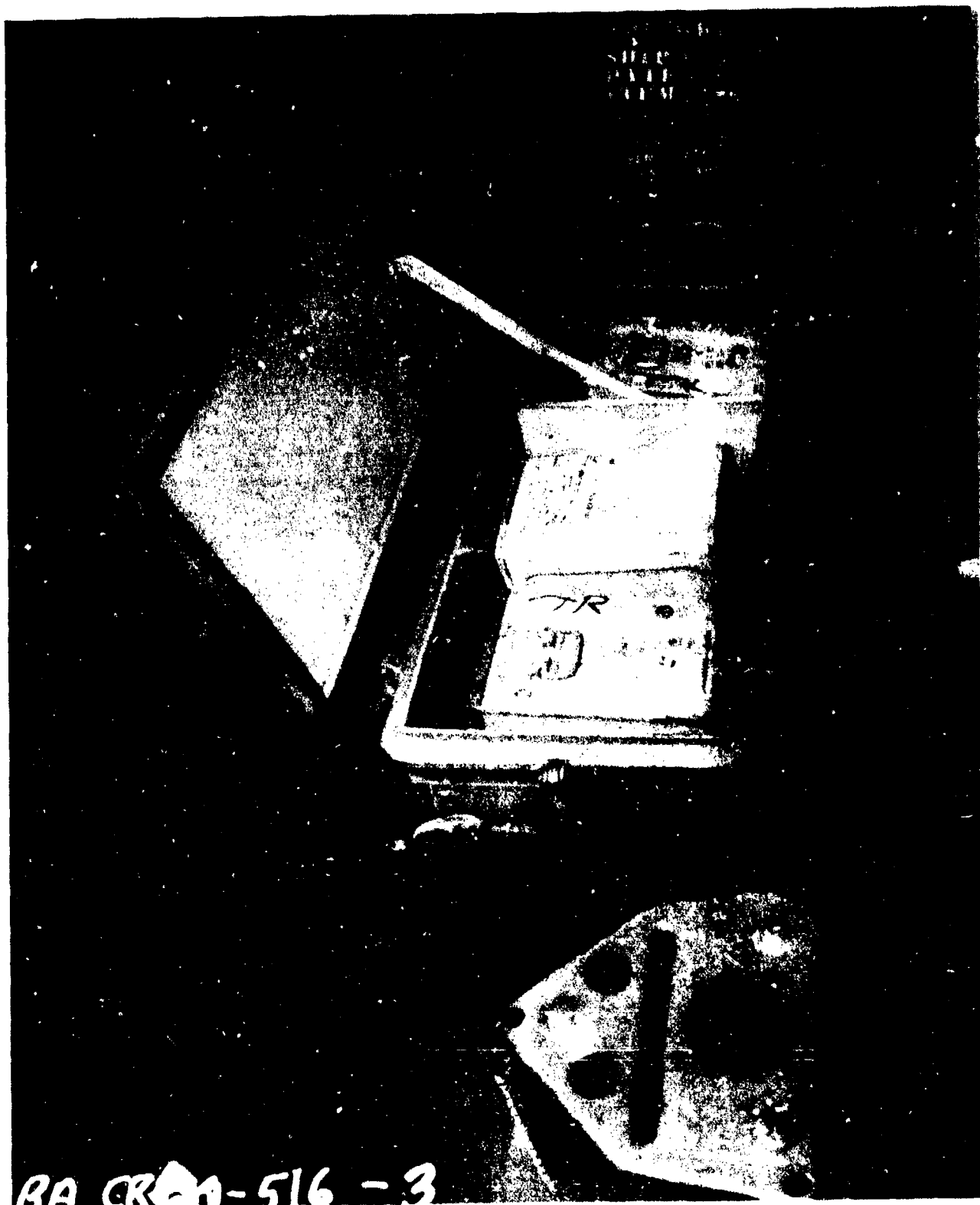
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. FALLON (APA-61) - Before Able  
Shows the condition of readiness of the 20 MM  
Ready Service Box prior to Test "A". Ammunition  
stowed within is Service Ammunition.  
Photo. No. BA-CR-60-516-2.

S E C R E T

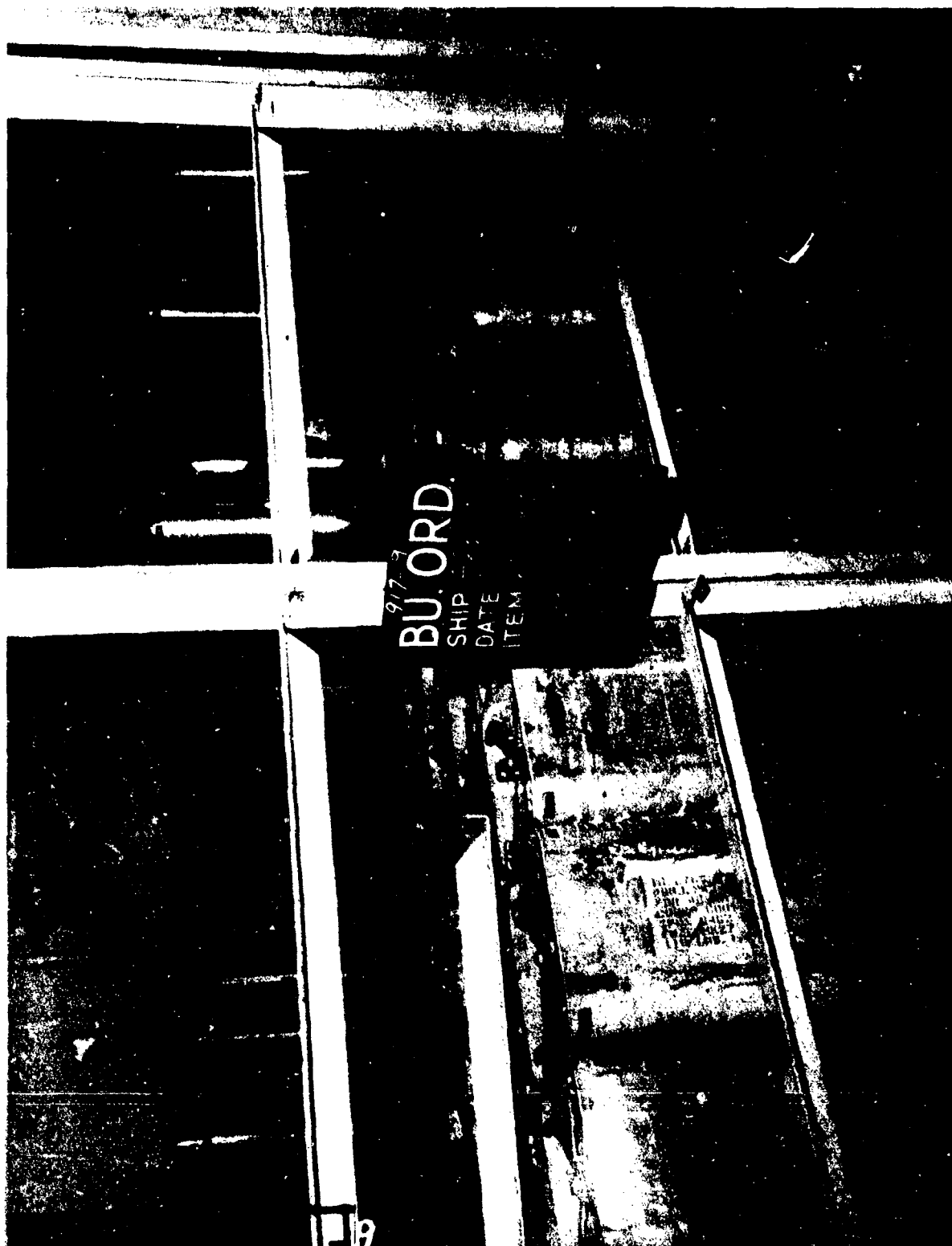
Enclosure (L) to Director Ship Material Serial 001500.



U.S.S. FALLON (APA-81) - Before Able  
Shows the method of stowing 20 MM Ammunition, in boxes,  
in the Ready Service Boxes prior to Test "A". All  
ammunition is Service Ammunition.  
Photo. No. BA-CA-60-516-3.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. FALLON (APA-81) - Before Able  
Shows the 40 MM Ammunition Stowage in Magazine,  
A-404-M prior to Test "A". All ammunition is  
Service Ammunition.  
Photo. No. BA-CR-60-917-9.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. FALLON (APA-81) - Before Able  
Shows the Pyrotechnic Ammunition Stowage in the  
Pyrotechnic Locker prior to Test "A". Munitions as  
shown is Service Ammunition.  
Photo. No. BA-CR-60-917-10.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. FALLON (APA-81) - Before Able  
Shows the condition of readiness of the Pyrotechnic  
Locker prior to Test "A". Service Pyrotechnic Munitions  
were employed in the Test.  
Photo. No. BA-CR-60-917-11.

SECRET

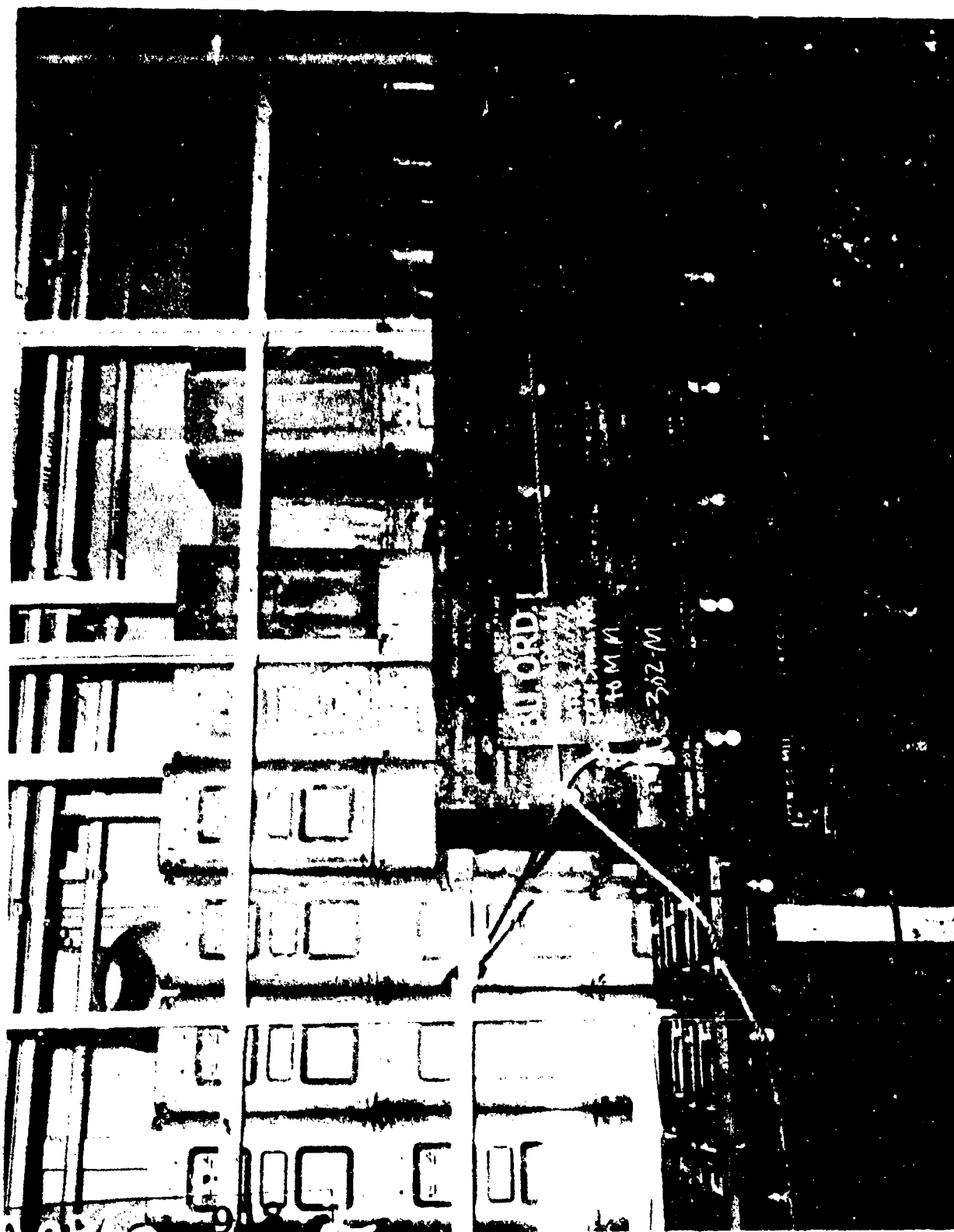
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. FALLON (APA-81) - Before Able  
Shows the 40 MM Ammunition Stowage in the Ready  
Service Room, C-0104-M prior to Test "A". All  
ammunition is Service Ammunition.  
Photo. No. BA-60-918-1.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. FALLON (APA-81) - Before Able  
Shows the 40 MM and Small Arms Ammunition Stowage in  
Magazine, C-302-M prior to Test "A". All Ammunition  
is Service Ammunition.  
Photo. No. BA-CH-60-918-2.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.

4214





U.S.S. FALLON (APA-81) - Before Able  
Shows the 5"/38 Powder Storage in Magazine, C-306-M,  
prior to Test "A".  
Photo. No. BA-CR-60-218-4.

**SECRET**

Enclosure (L) to Director Ship Material Serial 001500.



U.S.S. FALLON (APA-81) - Before Able  
Shows the 5"/38 Projectile Stowage in Magazine,  
C-305-M, prior to Test "A". All ammunition is  
Service Ammunition.  
Photo. No. BA-CR-60-918-5.

**SECRET**

Enclosure (L) to Director Ship Material Serial 001500.



U.S.S. FALLON (APA-81) - before Allie  
Shows the 5"/38 Projectile Stowage in Magazine,  
C-305-M prior to Test "A". All projectiles are  
Service Ammunition.  
Photo. No. RA-GR-60-918-8.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. FALLON (APA-81) - After Able  
Shows the blast damage incurred to the 5"/38 Ready Service Locker and 5"/38 Powder  
Tanks. The Powder Tanks in position parallel to the edge of the doors were indented,  
however, withdrawal of the Cartridged Cases revealed no damage. Surveillance test  
of the smokeless powder exhibited no signs of damage or deterioration.  
Photo. No. AA-CR-87-2540-1.

**S E C R E T**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. FALLON (APA-81) - After Able  
Shows the blast damage incurred to the 5"/38 Ready Service Locker and 5"/38 Powder  
Tanks. The Powder Tanks in position parallel to the edge of the doors were indented  
however, withdrawal of the Cartridge Cases revealed no damage. Surveillance Test  
of the smokeless powder exhibited no signs of damage or deterioration.  
Photo. No. AA-CR-87-2540-2.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



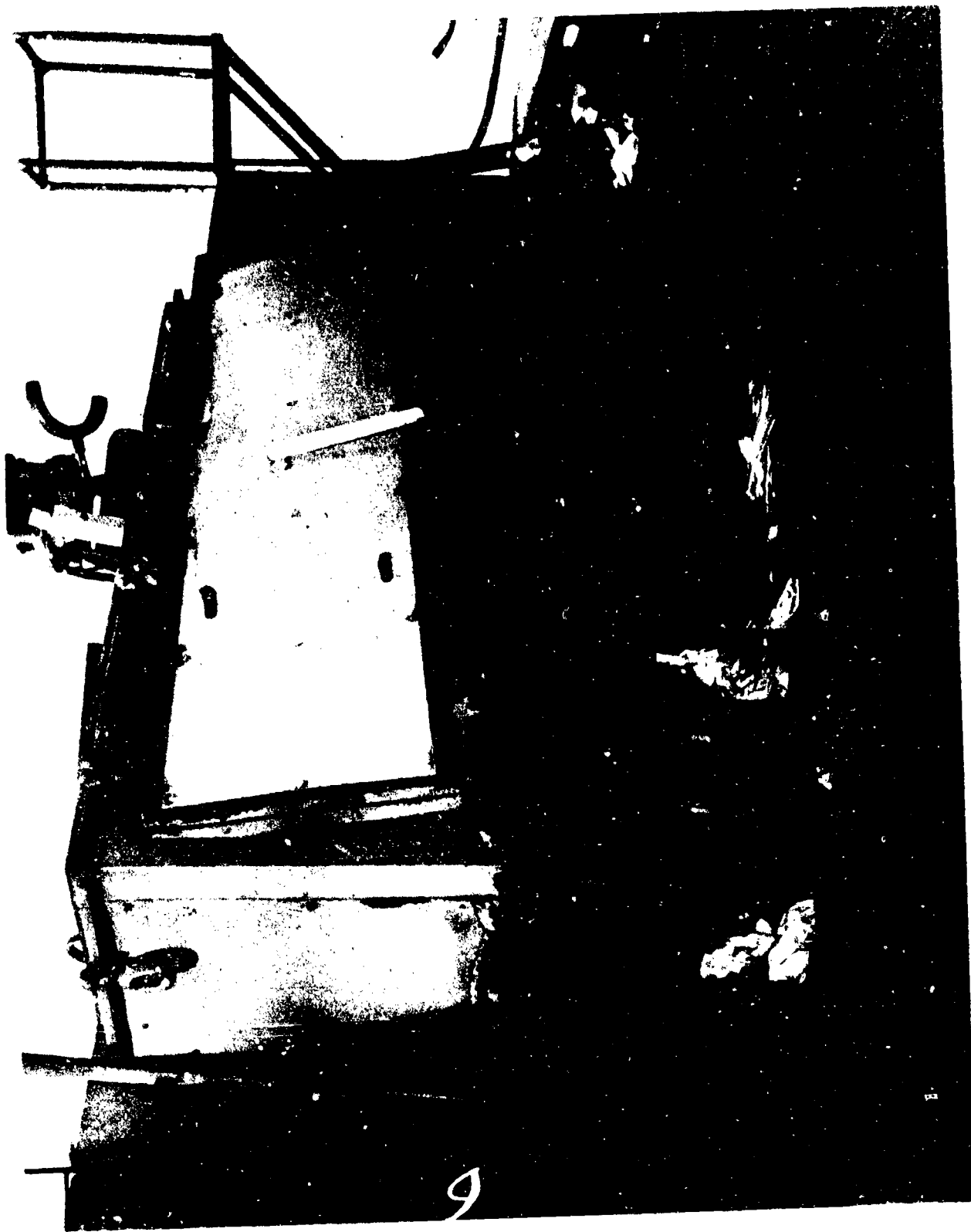
4.28.1

OCR 1-4166 -

U.S.S. FALLON (APA-81) - After Baker  
Shows the effect of shock on the 40 MM Ammunition  
Storage in the Main Deck Clipping Room, C-0104-M.  
Failure of battens and retaining stanchions was marked.  
Photo. No. AB-Ch-62-4166-7.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. FALLON (APA-81) - After Baker  
Shows the effect of shock on the 20 MM Ammunition Ready Service Box. This box was filled to its capacity but was improperly closed. The upward motion of the ship was great enough to force the lid open and toss several cases of 20 MM Ammunition about the deck as can be observed in the photo.  
Photo. No. AB-CR-64-4166-9.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



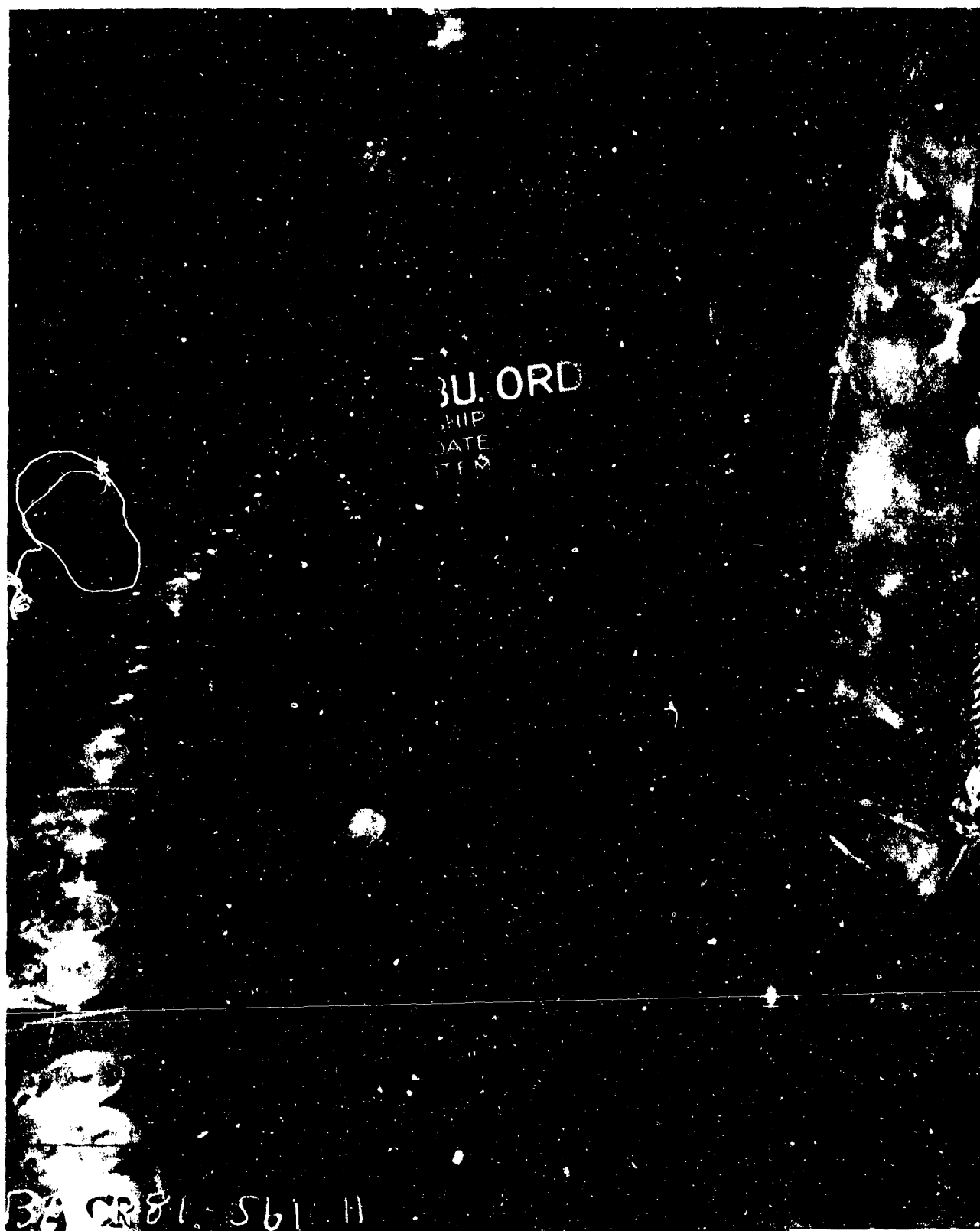
U.S.S. FALLON (APA-81) - After Baker

Shows the effect of shock on the 20 MM Ammunition Ready Service Box. The sudden upward movement of the ship was of such magnitude that the deck fittings of the Ready Service Box failed to remain fast. The Ready Service Box was filled to its capacity with boxed 20 MM Ammunition; this is promulgated to furnish an estimated gross weight. Dented case of ammunition that was spilled from the Ready Service Box may be seen in the foreground. Photo. No. AB-CR-62-4166-11.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.





U.S.S. GILLIAM (APA-57) - Before Able  
Shows the exposed 40 MM Ammunition in the  
bulwark shields on display for Test "A".  
Photo. No. BA-CR-81-561-11.

**SECRET**

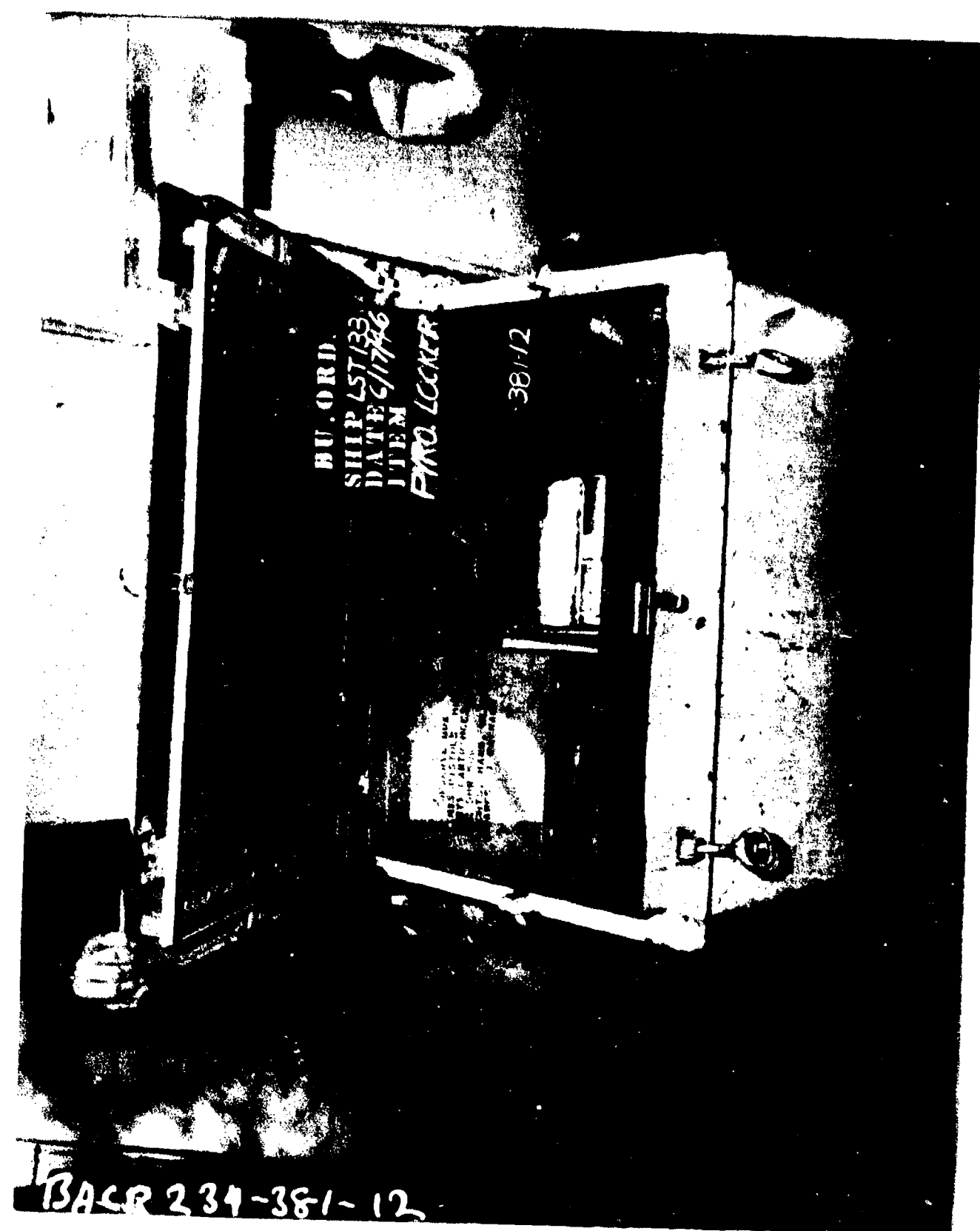
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. LST-133 - Before Able  
Shows the Small Arms Stowage in Magazine, A-3101-M,  
prior to Test "A".  
Photo. No. BA-CR-234-381-11.

SECRET

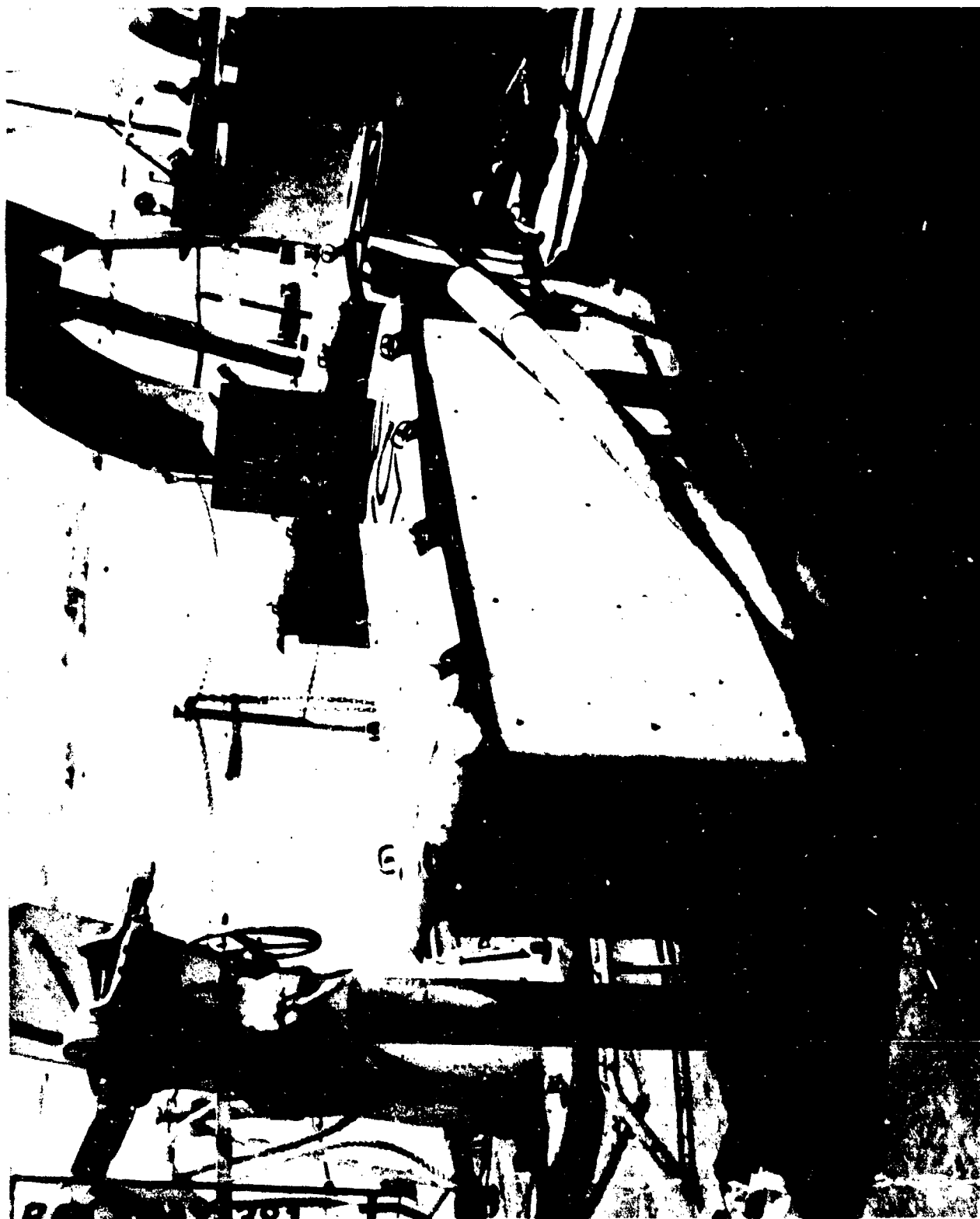
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. LST-133 - Before Able  
Shows the Pyrotechnic Stowage in the Pyrotechnic Locker  
prior to Test "A". The Pyrotechnic Stowage as shown in  
this view is a typical stowage on LSTs.  
Photo. No. BA-CR-234-381-12.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. LST-133 - After Able  
Shows the 20 MM Ammunition Ready Service Locker  
in position prior to Test "E".  
Photo. No. AA-CR-234-381-7.

**SECRET**

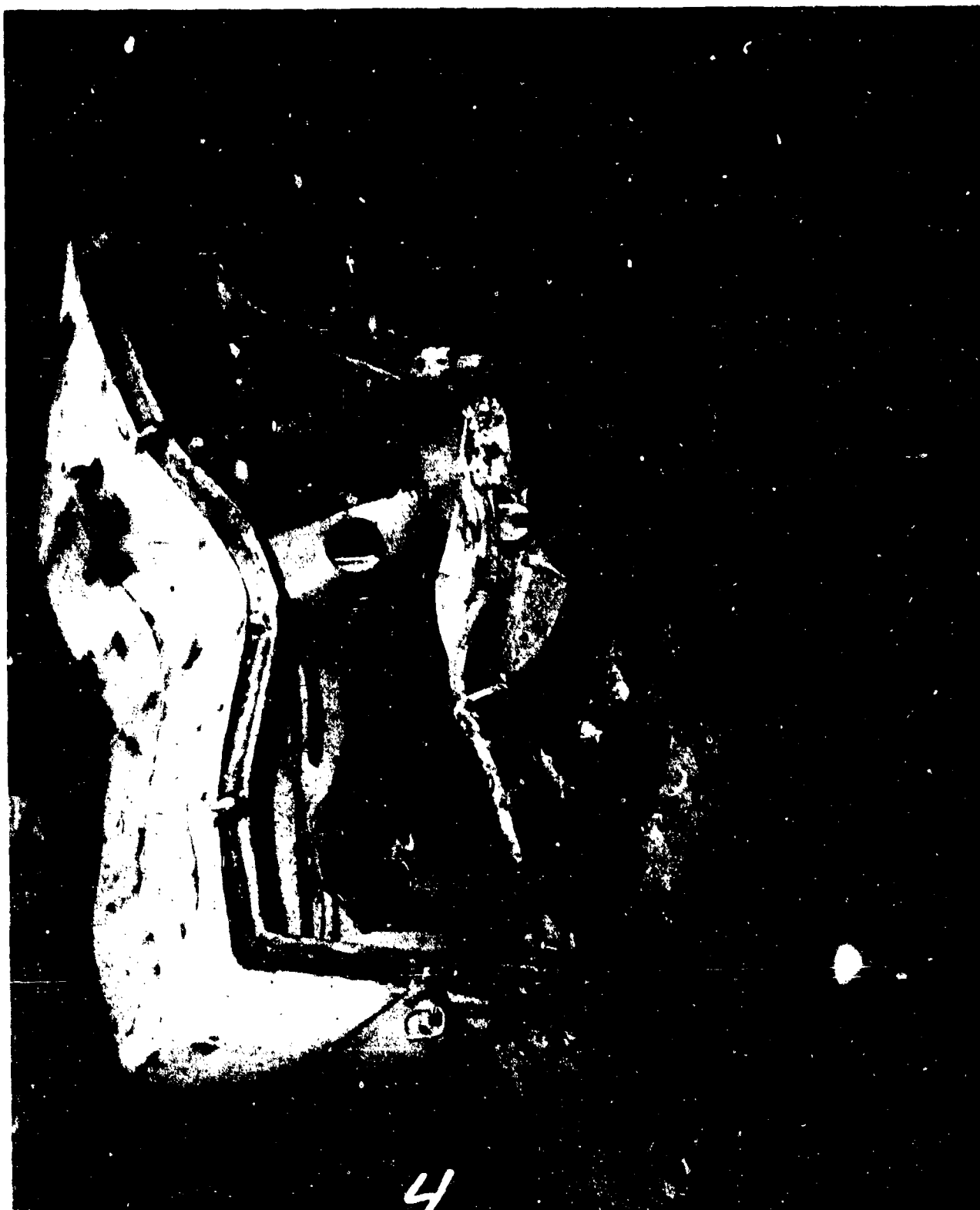
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. LST-133 - After Able  
Shows the loaded 20 MM Magazines in position in the  
Ready Service Box prior to Test "B".  
Photo. No. AA-CR-234-1381-8.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. LST-133 - After Beker  
Shows the extent of damage to the 20 MM Ammunition  
Ready Service Box and 20 MM loaded magazines from the  
cascading column of water.  
Photo. No. AB-CR-82-4218-4.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. LST-133 - After Baker  
Shows the extent of damage to the 20 MM Ammunition Ready  
Service Box and 20 MM loaded magazines from the cascading  
column of water.  
Photo. No. AB-CR-82-4218-5.

**SECRET**

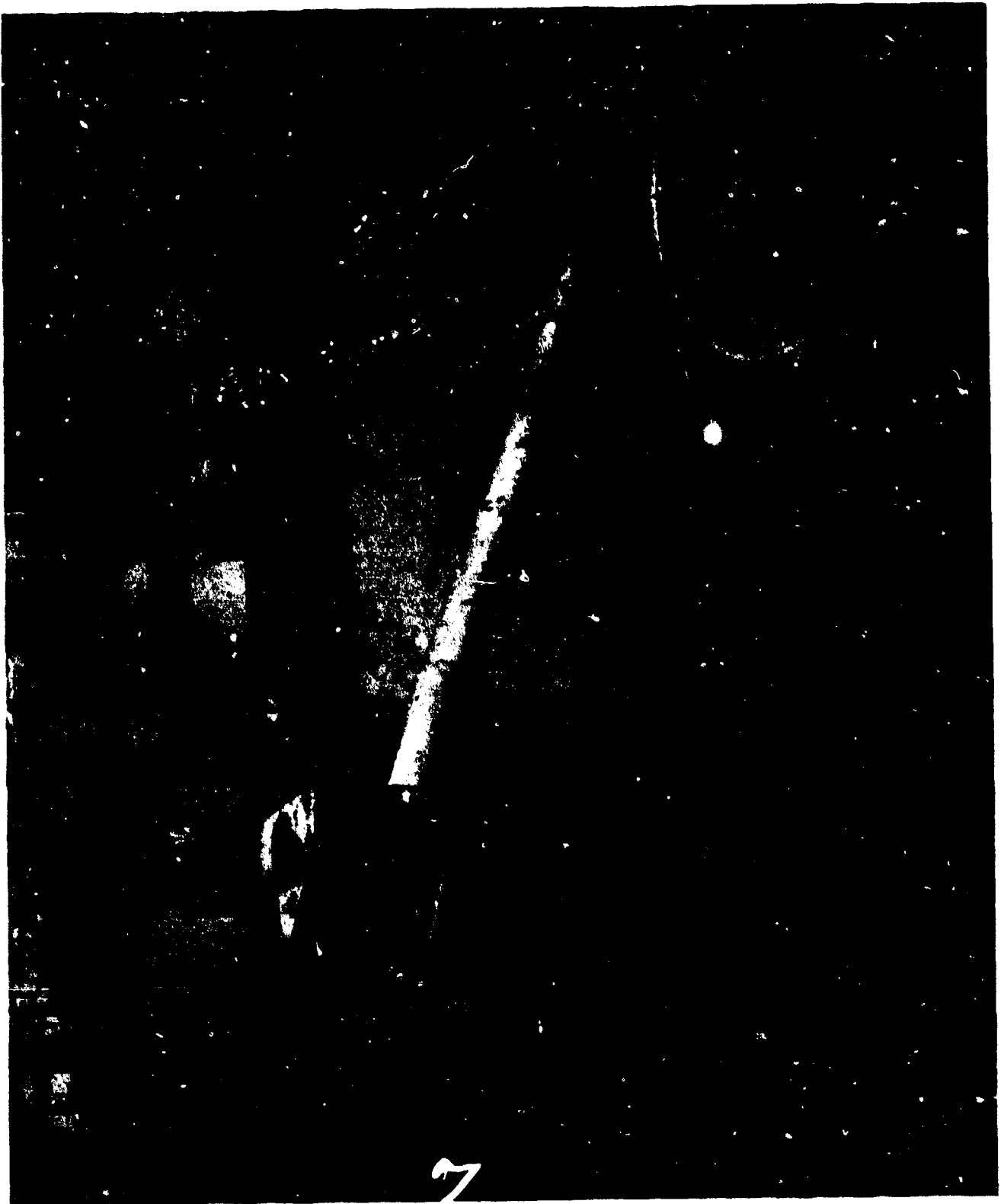
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. LST-133 - After Baker  
Shows the extent of damage to the 20 MM Ammunition  
Ready Service Box and loaded magazines from the  
cascading column water.  
Photo. No. AB-CR-82-4218-6.

**S E C R E T**

Enclosure (D) to Director Ship Material Serial 001500.

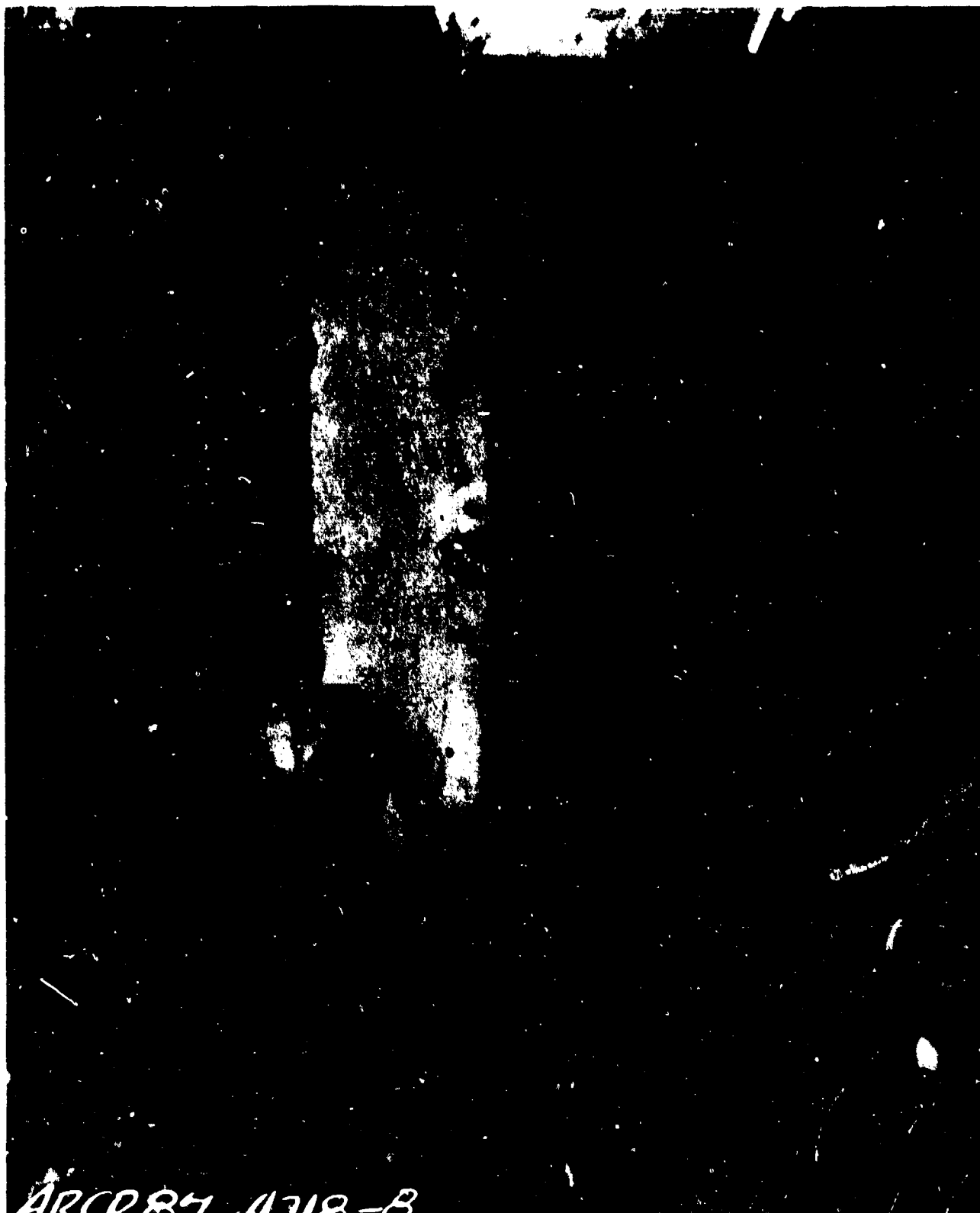


U.S.S. LST-133 - After Baker  
Shows the blast damage to the 20 MM Ready Service  
Box. The loaded magazines inside the Box were not damaged.  
Photo. No. AB-CR-82-4218-7.

**S E C R E T**

Enclosure (D) to Director Ship Material Serial 001500.





U.S.S. LST-133 - After Baker  
Shows the condition of the 20 MM Ammunition Ready  
Service Box after it had been subjected to blast from  
the Atom Bomb.  
Photo. No. AB-CR-87-4218-8.

**S E C R E T**

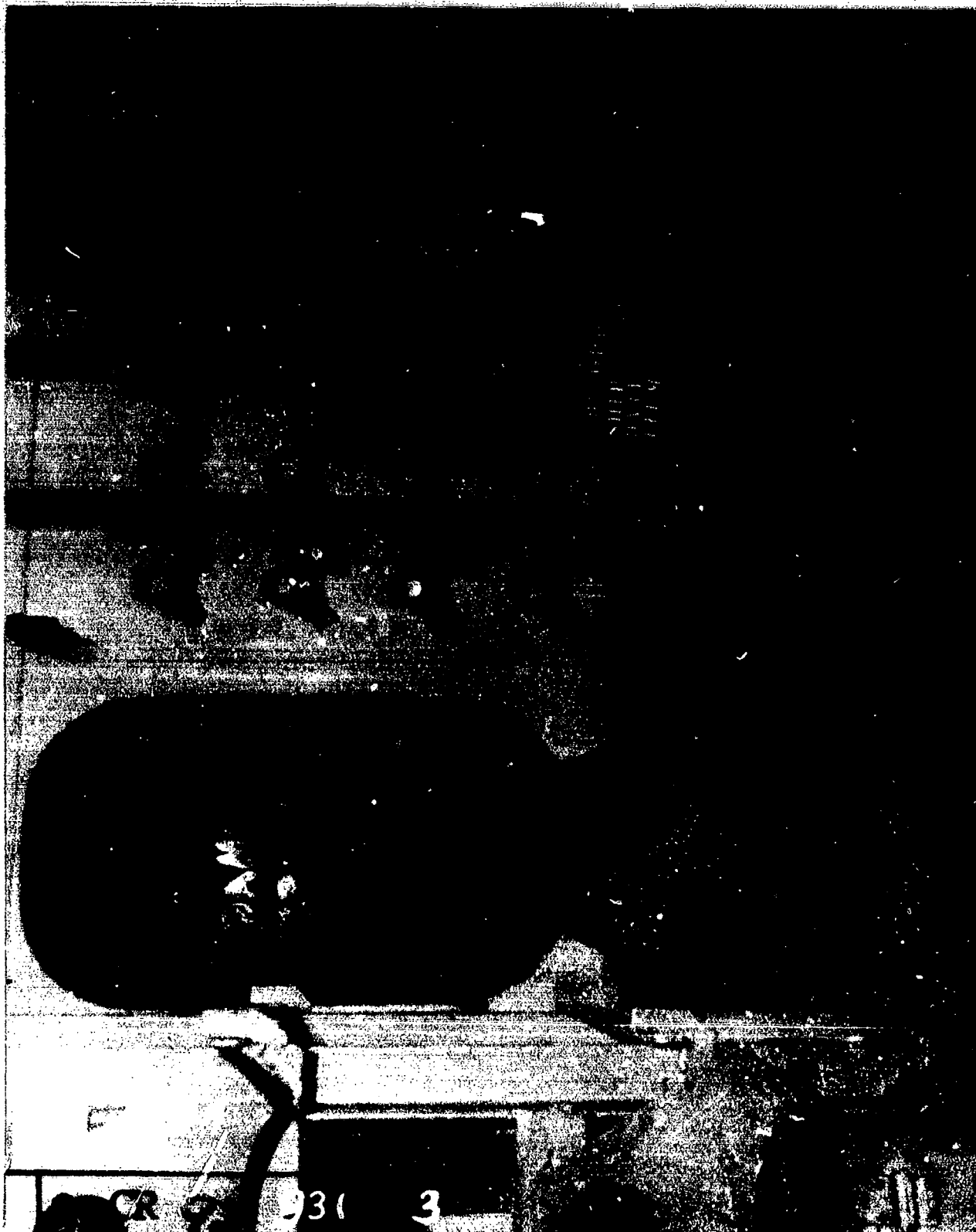
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. LST-545 - Before Able  
Shows the 40 MM Ammunition Stowage prior to Test "A".  
The Stowage as shown in this view is typical for LST's.  
Photo. No. BA-OR-92-931-1.

**SECRET**

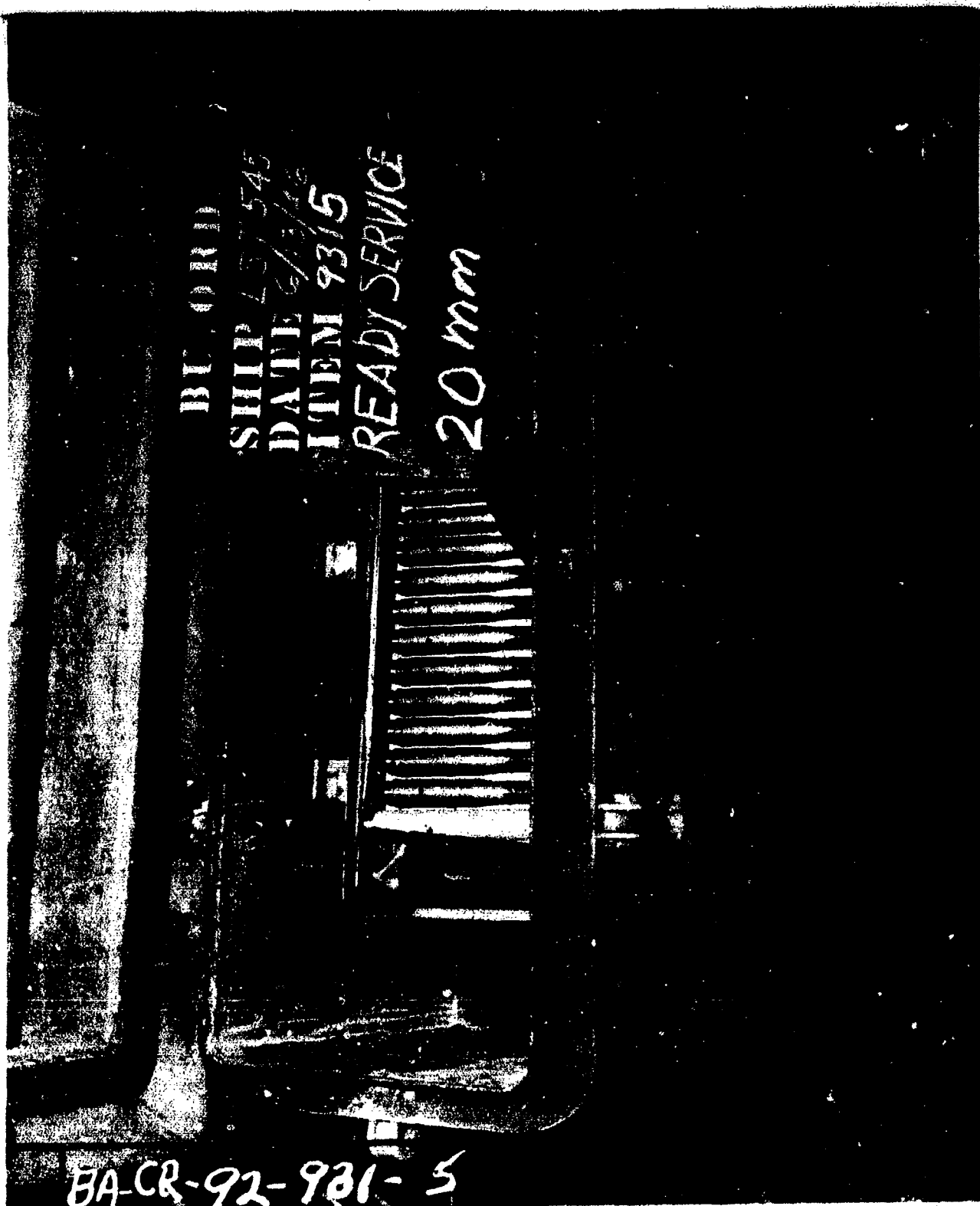
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. LST-545 - Before Able  
Shows a typical 20 MM Ammunition Stowage in the  
LST type magazine prior to Test "A".  
Photo. No. BA-CR-92-931-3.

**SECRET**

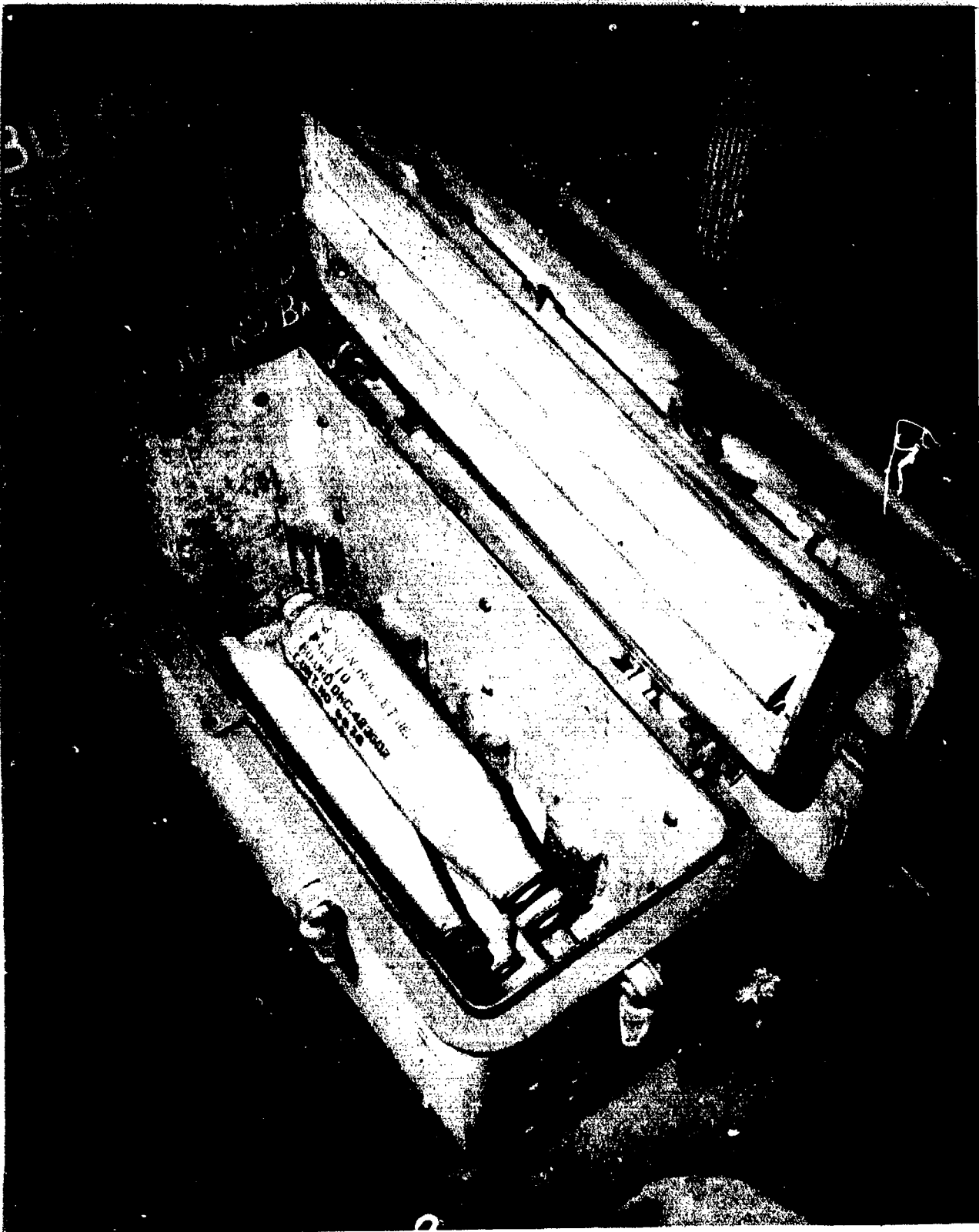
Enclosure (D) to Director Ship Material Serial 201500.



U.S.S. LST-55 - 1-1000-1-1-1-  
Shows the 20 mm ammunition storage in the Ready  
Service box prior to test "A".  
Photo. No. BA-1-1-92-931-5.

SECRET

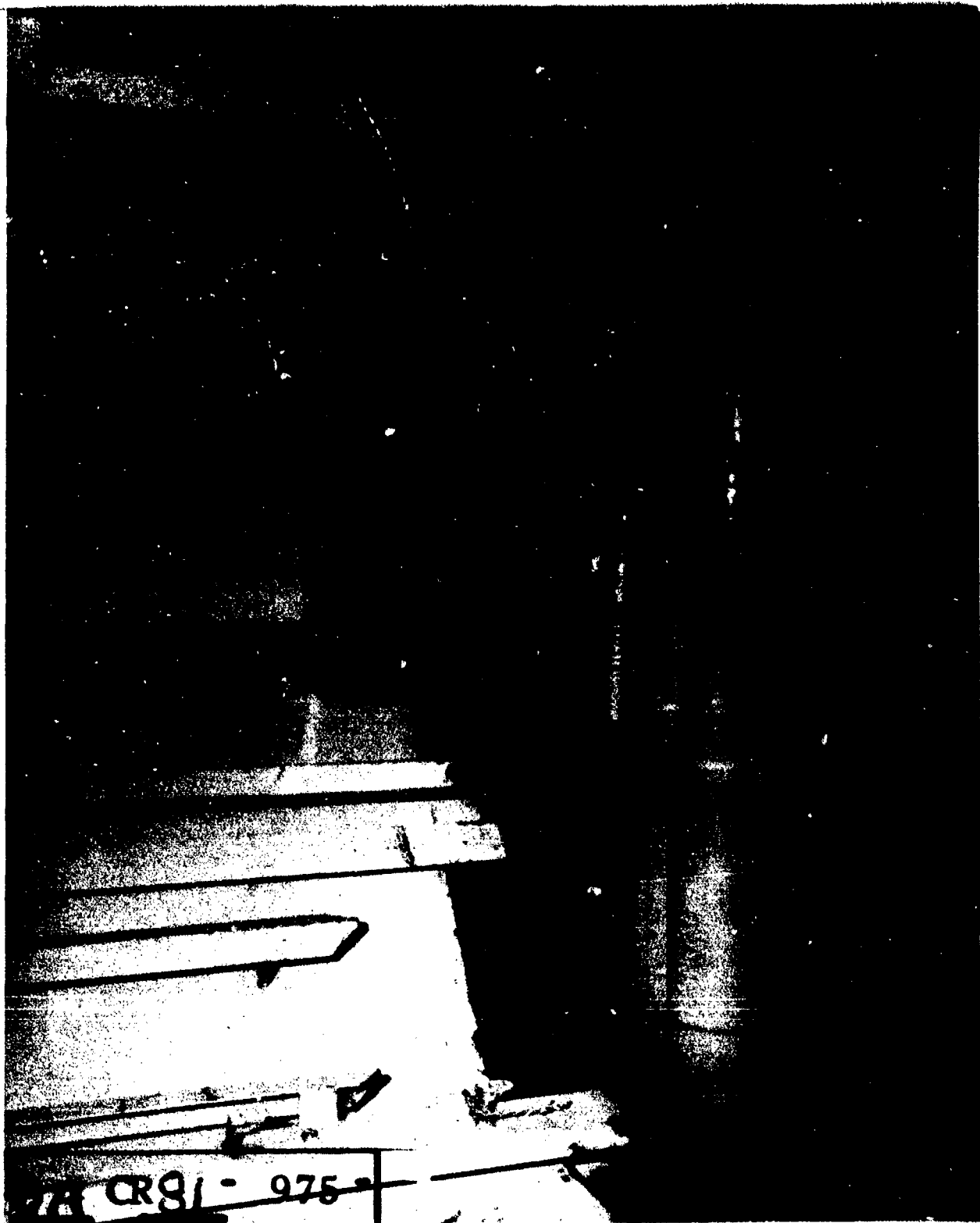
Enclosure (D) to Vice Admiral's letter to the Chief of Staff.



U.S.S. LST-545 - Before Able  
Shows the 4".5 Rocket Head, White Phosphorous loaded,  
Stowage in the 20 MM Ammunition Ready Service Box  
prior to Test "A".  
Photo. No. BA-CR-76-941-2.

SECRET

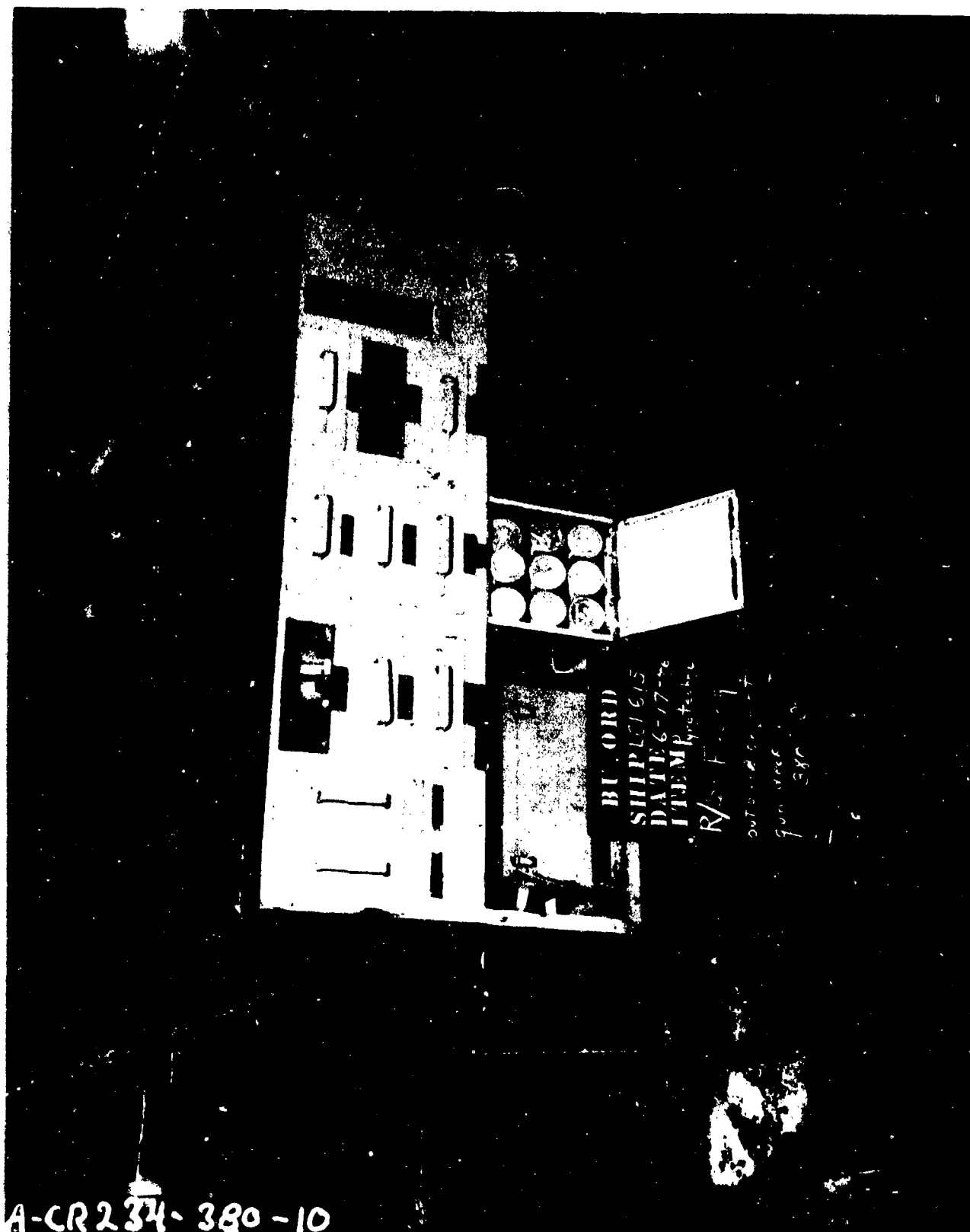
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. LST-220 - Before Able  
Shows the 4".5 Rocket Head Stowage, white phosphorous  
loaded, in the stbd. 40 MM Ready Service Locker located  
on the stern, prior to Test "A".  
Photo. No. BA-CR-81-975-7.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. LCI-615 - Before Able  
Shows the Pyrotechnic Stowage in the Pyrotechnic  
Locker.  
Photo. No. BA-CR-234-380-10.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

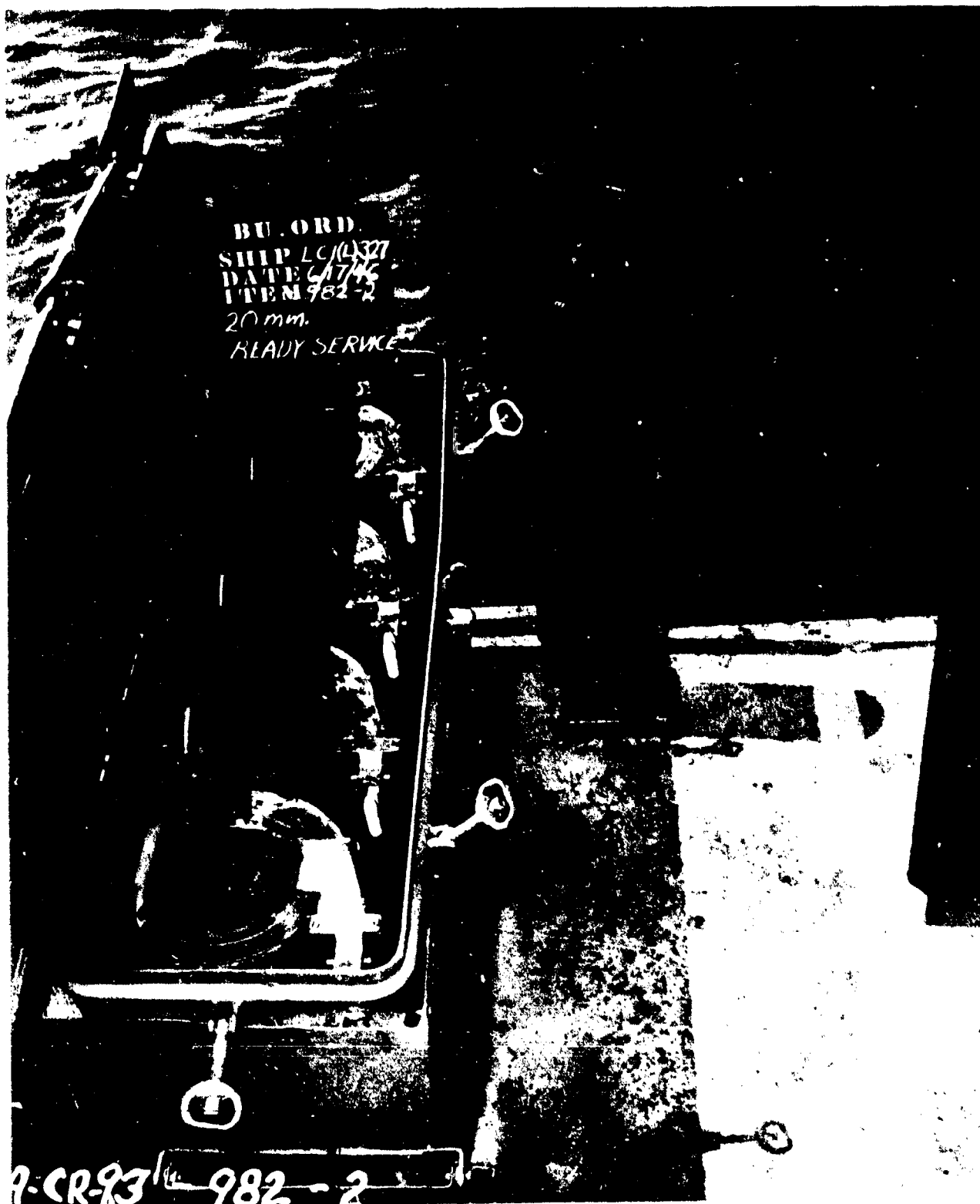


U.S.S. LCI-615 - Before Able  
Shows the Small Arms Storage in the LCI  
type magazine.  
Photo. No. BA-CR-234-380-11.

SECRET

Enclosure (1) to Director Ship Material Serial 001500.

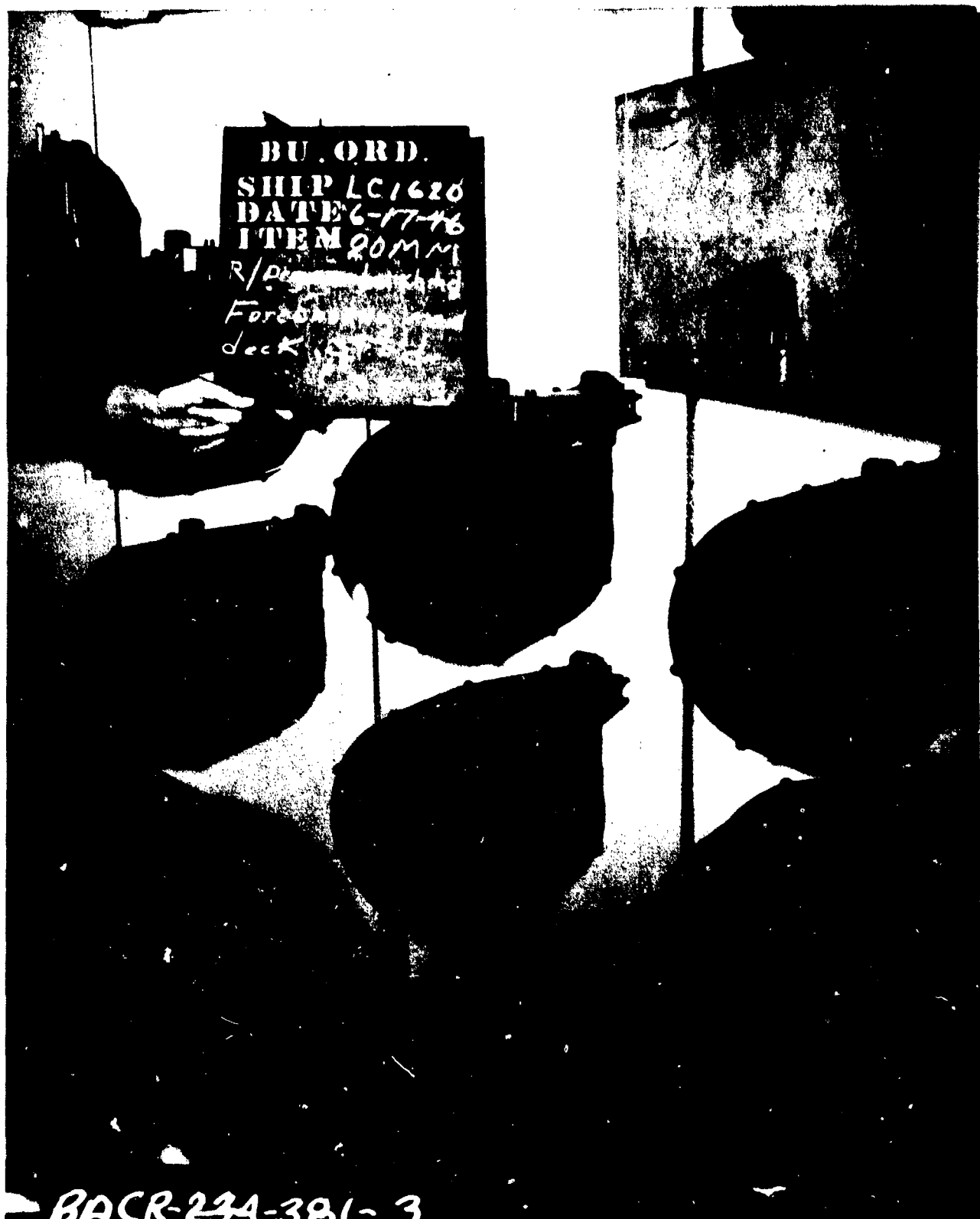




U.S.S. LCI (L)-327 - Before Able  
Shows the loaded 20 MM Magazine in position  
in the Ready Service Box.  
Photo. No. BA-CR-93-982-2.

**SECRET**

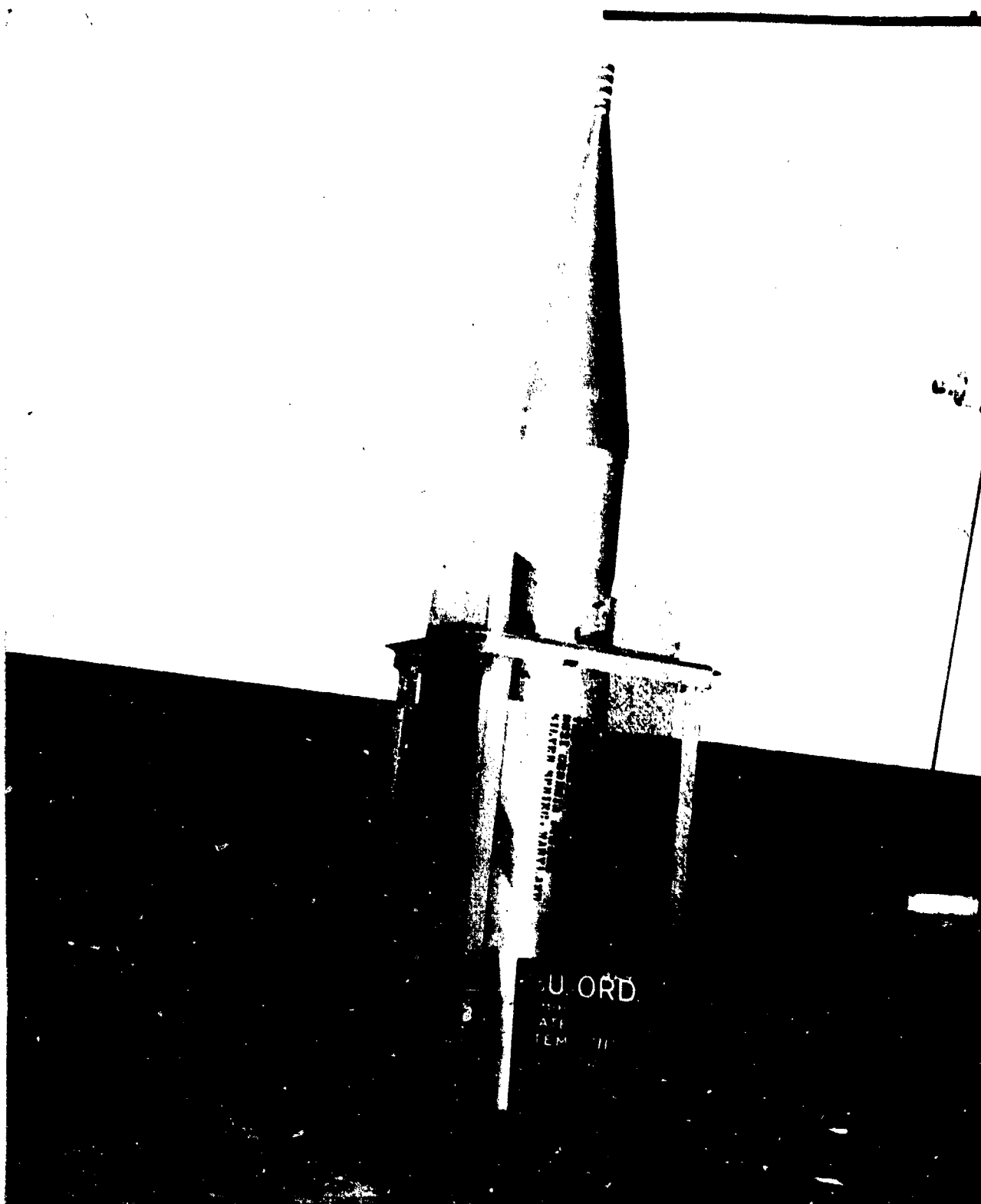
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. LCI-620 - Before Able  
Shows the loaded 20 MM Magazine Ready  
Service Stowage on board an LCI.  
Photo. No. BA-CR-234-381-3.

SECRET

Enclosure (1) to Director Ship Material Serial 001500.



U.S.S. SALT LAKE CITY (CA-25) - Before Able  
Shows the Special Guided Missile, (STV), in position  
prior to Test "A".  
Photo. No. BA-CR-92-901-11.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SALT LAKE CITY (CA-25) - after Able  
Shows the Special Guided Missile located on the main deck.  
No damage was inflicted from the "A" bomb.  
Photo. No. AA-CR-60-136-7.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SALT LAKE CITY (CA-25) - After Able  
Shows the Special Guided Missile, (STV), after Test "A"  
and that it had remained unharmed. Pre-Test "A" picture,  
RA-CR-92-901-11 may be employed for comparison.  
Photo. No. AA-CR-87-2539-11.

**SECRET**

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. BRUIE (AFA-66) - After Able  
Shows the crated Special Guided Missile, (STV) after  
Test "A". The Missile remained unhurt.  
Photo. No. AA-CR-87-2539-10.

**SECRET**

Enclosure (E) to Director Ship Material Serial 001500.



Defense Special Weapons Agency  
6801 Telegraph Road  
Alexandria, Virginia 22310-3398

TRC

18 April 1997

MEMORANDUM FOR DEFENSE TECHNICAL INFORMATION CENTER  
ATTENTION: OMI/Mr. William Bush (Security)

SUBJECT: Declassification of Reports

The Defense Special Weapons Agency has declassified the following reports:

✓AD-366588 <del>4</del>	XRD-203-Section 12✓
AD-366589 <del>L</del>	XRD-200-Section 9
AD-366590 <del>L</del>	XRD-204-Section 13
AD-366591 <del>L</del>	XRD-183
✓AD-366586 <del>X</del>	XRD-201-Section 10✓
✓AD-367487 <del>4</del>	XRD-131-Volume 2✓
✓AD-367516 <del>4</del>	XRD- <del>3</del> 143✓
✓AD-367493 <del>4</del>	XRD-142✓
AD-801410L✓	XRD-138
AD-376831L✓	XRD-83
AD-366759 <del>L</del>	XRD-80
✓AD-376830L <del>4</del>	XRD-79✓
✓AD-376828L <del>4</del>	XRD-76✓
✓AD-367464 <del>X</del>	XRD-106✓
AD-801404L✓	XRD-105-Volume 1
✓AD-367459 <del>X</del>	XRD-100✓

TRC

18 April 1997

Subject: Declassification of Reports

✓AD-367491 ✕	XRD-134-Volume 2 ✓
✓AD-367479 ✕	XRD-123 ✓
✓AD-367478 ✕	XRD-122 ✓
✓AD-367481 ✕	XRD-125 ✓
AD-367500 ✓	XRD-159-Volume 2 <i>revised</i>
AD-367499 ✕	XRD-160-Volume 3 ✓
AD-367498 ✕	XRD-161-Volume 4 ✓
AD-367512 ✓	XRD-147
AD-367511 ✓	XRD-148
AD-367465 ✕	XRD-107 ✓
AD-366733 ✓	XRD-43
AD-367477 ✕	XRD-121 ✓
AD-367476 ✕	XRD-120 ✓
AD-367467 ✕	XRD-109-Volume 1 ✓
AD-367475 ✕	XRD-119 ✓
AD-367474 ✕	XRD-118 ✓
AD-367473 ✕	XRD-117 ✓
AD-367472 ✕	XRD-116 ✓
AD-367471 ✕	XRD-115 ✓
AD-367466 ✕	XRD-108 ✓
AD-801405L ✓	XRD-113
AD-367470 ✕	XRD-112 ✓
AD-367469 ✕	XRD-111 ✓



TRC

18 April 1997

Subject: Declassification of Reports

AD-801406L ✓ XRD-114.

In addition, all of the cited reports are now **approved for public release; distribution statement "A" now applies.**

*Ardith Jarrett*  
ARDITH JARRETT  
Chief, Technical Resource Center